

SCHOOL OF GRADUATE STUDIES

REPORT TO ACADEMIC COUNCIL, MAY 9, 2006

1. Review of Status of New Graduate Programs

Planned for 2007/2008

2. *MSc in Computer Science*

Motion:

To approve the submission of the proposal for an *MSc in Computer Science* to the Ontario Council for Graduate Studies for Standard Appraisal.

3. *Master of Architecture*

Motion:

To approve the submission of the proposal for a *Master of Architecture* to the Ontario Council for Graduate Studies for Standard Appraisal.

4. *Master of Journalism*

Motion:

To approve the submission of the proposal for a *Master of Journalism* to the Ontario Council for Graduate Studies for Standard Appraisal.

5. *MA in Media Production*

Motion:

To approve the submission of the proposal for an *MA in Media Production* to the Ontario Council for Graduate Studies for Standard Appraisal.

6. *MFA in Documentary Media*

Motion:

To approve the submission of the proposal for an *MFA in Documentary Media* to the Ontario Council for Graduate Studies for Standard Appraisal.

7. New Courses:

Communication and Culture
Chemical Engineering
Mechanical Engineering
Electrical and Computer Engineering

8. Program Change: *Computer Networks*

Submitted by:

Maurice Yeates, Dean
Chair, School of Graduate Studies

Status of New Programs in Graduate Review Process (programs planned for September, 2007_1)						
Approval or Action by	Responsibility	PhD Aerospace Engin. (06 or 07)	MSW Social Work	MFA Doc Media	MJ Journalism	March Architecture
Ryerson Review						
Dean - SGS	Letter of Intent (LoI) – including initial analysis of financial viability	X	X	X	X	X
SGS Program & Planning Comm	Reviews LOI to determine if program appears feasible.	X	X	X	X	X
Provost	Decides to proceed based on responses to LoI. Instructs sponsors to prepare OCGS program proposal.	X	X	X	X	X
Internal/External Consultant	An expert in the field from another university reviews the proposal. Sponsors re-draft if necessary.	Bell, in	Nelson, in	Fletcher in	Dornan, in	Covo, in
Provost	Discusses proposal with Dean, sponsor.	X	X	X	X	X
P&P	Reviews draft OCGS brief in light of I/E report – recommends to Council SGS based on academic quality	X	X	X	X	X
Council, SGS	Reviews proposal	X	X	X	X	X
Academic Council	Reviews program proposal for academic quality and moves to proceed to OCGS	X	X	May 9	May 9	May 9
Ontario Council on Graduate Studies Review						
Appraisal Committee	7 senior faculty from across Ontario + Exec. Dir read brief and comment to Ryerson. Univ can advertise program.	X	Pennell -- NCS Lundy -- Carleton June 15/16			
External Consultants	2 or 3 selected, visit Ryerson for a two day period. Prepare reports for submission to OCGS, which sends reports to Ryerson.					
Ryerson	Responds to report(s)					
Appraisal Committee	Reviews report and response and presents recommendation to OCGS (All graduate Deans in Ontario)					
OCGS Executive Director	Informs Ryerson of decision, provides letter required by Ministry for funding claim. OCGS meeting.					
Further Procedures						
Board of Governors	Program is presented to Board of Governors for approval of financial viability.					
Ministry	The Program is presented to the Ministry for approval					
Provost	Provost decides about implementation					

Status of New Programs in Graduate Review Process (programs planned for September, 2007_2)						
Approval or Action by	Responsibility	Masters in Media Production	MSc Computer Science	MHSc Nutrition Communication		
Ryerson Review						
Dean - SGS	Letter of Intent (LoI) – including initial analysis of financial viability	X	X	X		
SGS Program & Planning Comm	Reviews LOI to determine if program appears feasible.	X	X	March 27 - def		
Provost	Decides to proceed based on responses to LoI. Instructs sponsors to prepare OCGS program proposal.	X	X			
Internal/External Consultant	An expert in the field from another university reviews the proposal. Sponsors re-draft if necessary.	Feldman, in	Stacey, in			
Provost	Discusses proposal with Dean, sponsor.	X	X			
P&P	Reviews draft OCGS brief in light of I/E report – recommends to Council SGS based on academic quality	X	X			
Council, SGS	Reviews proposal	X	X			
Academic Council	Reviews program proposal for academic quality and moves to proceed to OCGS	May 9	May 9			
Ontario Council on Graduate Studies Review						
Appraisal Committee	7 senior faculty from across Ontario + Exec. Dir read brief and comment to Ryerson. Univ can advertise program.					
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OCGS Executive Director	Informs Ryerson of decision, provides letter required by Ministry for funding claim. OCGS meeting.					
Further Procedures						
Board of Governors	Program is presented to Board of Governors for approval of financial viability.					
Ministry	The Program is presented to the Ministry for approval					
Provost	Provost decides about implementation					

2. The School of Graduate Studies has reviewed the proposal for an *MSc in Computer Science* listed below, and submits it to Academic Council for its approval for it to be sent to the Ontario Council on Graduate Studies for external review ('standard appraisal'). Vol. I of the brief ('The Program') is available for review in the office of the Secretary of Academic Council, and Volumes I & II ('The Program', and 'Curricula Vitae') are available for review in the office of the Dean of the School of Graduate Studies (EPH 439). Vol. I of the brief ('The Program') is also available for review at www.ryerson.ca/gradstudies/temp. Username: graduate Password: admissions

It is planned that the *MSc in Computer Science* will be implemented in Fall 2007.

Motion

To approve the submission of the proposal for an *MSc in Computer Science* to the Ontario Council for Graduate Studies for Standard Appraisal.

Note: Once a program is approved by OCGS, it is presented to the Board of Governors for approval. The Provost has final authority to determine whether a program may proceed.

RYERSON UNIVERSITY

MSc in Computer Science

EXECUTIVE SUMMARY

The study of computer science may be defined as the inquiry into the nature of computation and its use in solving problems in an information-based society. Computer science is a rapidly evolving discipline, but it has a well-defined core of knowledge and a set of characteristics and methodologies. The methods and skills required of the computer scientist include:

- Manipulation of unstructured data into information and knowledge;
- Abstraction, Modeling, and Formalization;
- Design;
- Human Interaction Paradigms and Models;
- Architectures of Software and Network Systems; and,
- Language Development and Programming

Ryerson University, with a long history of involvement in, and commitment to, Computer Science Education is ready to continue to contribute to the dissemination, expansion and furtherance of the methods and skills of Computer Science at the graduate level. Many of the faculty members involved in this proposal have been contributing research and teaching at the graduate level to other disciplines within Ryerson and at other Universities. It is time we stood on our own.

The proposed program leading to a Master of Science degree in computer science is a general (no fields), six-term, thesis-based program requiring participants to take 5 graduate courses in two categories, in addition to one research methods course, and a mandatory non-credit seminar. The

program has the objectives of providing both advanced graduate technical education and scientific research experience to participating students in the field of computer science.

The curriculum is based on the standard minimum ten-course research Master's program at Ryerson:

1. A successfully defended master's thesis (4 course equivalent weighting)
2. CS8100 Research Methods course
3. A minimum of 2 Core courses
4. A minimum of 3 Non-core Areas courses

In addition, students will be required to register in and attend four terms of a non-credit Graduate Research Seminar course; during which time each student will be required to deliver at least one presentation related to their thesis research.

Courses are to be selected by the student in consultation with their supervisor(s). The following sections provide listings and brief descriptions of the courses in the proposed curriculum. More detailed course descriptions can be found in Appendix II of Volume 1 of the OCGS brief.

Mandatory Courses

CS8100 Research Methods
CS8101 Computer Science Seminar

Core Courses

CS8200 Algorithms and Computability
CS8201 Advanced Software Engineering
CS8202 Advanced Database Systems
CS8203 Advanced Programming Languages
CS8204 Advanced Human-Computer Interaction
CS8205 Soft Computing and Machine Intelligence
CS8206 Special Topics in the Core of Computer Science

Non-core Areas Courses

CS8300 Secure Computing
CS8301 Software Metrics
CS8302 Collaborative Computing
CS8303 Distributed Systems
CS8304 Knowledge Discovery
CS8305 Presence
CS8306 Image Analysis
CS8307 Visualization
CS8320 Special Topics in Non-core Computer Science

A complement of 25 faculty members will present courses and supervise graduate students within the program. They will support a yearly intake of 20 students who meet or exceed Ryerson's admission standards. Many of the faculty members have supervisory experience from other graduate programs in other departments and universities. With a history of research excellence and current operating funding in excess of \$220K, for the support of graduate research, the proposed program is poised for success.

Located on the second floor of a new state-of-the-art computing and engineering building, the program will have access to generous research and office space highlighted by five labs equipped with CFI funding of over \$200K.

3. The School of Graduate Studies has reviewed the proposal for a ***Master of Architecture*** listed below, and submits it to Academic Council for its approval for it to be sent to the Ontario Council on Graduate Studies for external review ('standard appraisal'). Vol. I of the brief ('The Program') is available for review in the office of the Secretary of Academic Council, and Volumes I & II ('The Program', and 'Curricula Vitae') are available for review in the office of the Dean of the School of Graduate Studies (EPH 439). Vol. I of the brief ('The Program') is also available for review at www.ryerson.ca/gradstudies/temp. Username: graduate Password: admissions It is planned that the *Master of Architecture* will be implemented in Fall 2007.

Motion

To approve the submission of the proposal for a ***Master of Architecture*** to the Ontario Council for Graduate Studies for Standard Appraisal.

Note: *Once a program is approved by OCGS, it is presented to the Board of Governors for approval. The Provost has final authority to determine whether a program may proceed.*

RYERSON UNIVERSITY ***Master of Architecture***

EXECUTIVE SUMMARY

Master of Architecture (MArch) Executive Summary

In Canada, architecture is practiced as a self-regulating profession, with the Ontario Association of Architects (OAA) being the regulatory body in Ontario. The highly-demanding process of professional qualification starts with formal education in a professionally-accredited university program in architecture. Recent research suggests that Ontario is underserved in terms of professional degrees in architecture. Based on the projected demand for architectural services and the projected decline in licensed architects per capita, if current trends continue Ontario will experience a shortfall of between 150 and 400 licensed architects by 2007¹. This decline is expected to have significant repercussions and comes at a time when construction activity in Canada has increased dramatically. Between 1999 and 2003, the value of all building permits in the country increased by 42% from \$35.7 to \$50.8 billion, while in Ontario the increase was 39%, from \$16.7 to \$23.2 billion. The surge in construction activity brought with it a concomitant demand for professional services related to construction, while at the same time the number of professional architects available to undertake such work has declined.² This phenomenon

1 McGill Business Consulting Group, *Succeeding by Design / A Perspective on Strengthening the Profession of Architecture in Ontario and Canada*, Ontario Association of Architects *et al.* (Toronto), 2003, p. 10

2 During the period 1999 – 2003, the number of licensed architects in Ontario declined from 2,610 to 2,500, and the number of new members entering the profession declined even more dramatically, from 146 to

underscores research projections of an increasing gap between the demand for and supply of professional architects, and speaks to the need for additional professionally-accredited architecture graduates eligible for entry into the profession.

Architects operate in an increasingly dynamic environment that demands highly-educated and qualified professionals equipped to deal with changing requirements and technologies. The level of expertise required by architects and the scope of architects' professional services, traditionally understood to include design and management of building projects, have increased exponentially. Changing social and technological needs have resulted in far more sophisticated building responses, requiring a level of specialized knowledge that has driven the demand for higher standards of education and professional qualification among architects. Increased awareness of health and safety issues, environmental sustainability, differing cultural traditions, integration of urban design and infrastructure, changing social dynamics and the rapid pace of technological change are just a few of the many forces acting on the design and construction of buildings. To respond to these complex forces, in recent years professional education in architecture has risen from the undergraduate to the graduate level, and has included greater research activity related to an array of issues in the design and construction of the built environment.

Student demand for professionally accredited architecture programs in Ontario has grown along with the population, but university programs have not expanded to keep pace. The disparity of architecture schools to population is reflected in the percent of applicants accepted into Master of Architecture programs. Ryerson University Architectural Science graduates have a long-standing tradition of entry into the Architecture / Construction / Engineering (ACE) industry. Of recent graduates, by far the largest group, 41.6%, enters design, with management and construction being second choices at 18.7% and 16.4% and half of Ryerson's graduates continue with further education, including professional education in architecture.

The proposed Master of Architecture (MArch) degree as presented in the Appraisal Brief to the Ontario Council of Graduate Studies / OCGS, (and which will also be submitted for accreditation by the Canadian Architectural Certification Board/CACB) would respond to current and future societal needs and is formulated to be a unique place for graduate programs in architecture both in Ontario and in Canada. The proposed Master of Architecture is designed to provide a high quality professionally relevant graduate education for students considering careers in the AEC industry. Furthermore, the proposed program is aligned with Ryerson's mandate of applied professional education, and complements the proposed revisions to the undergraduate Bachelor of Architectural Science degree, scheduled for roll out in 2007. Enhanced undergraduate and graduate education in architecture and architectural science will ensure our ability to attract and retain the best students and faculty and to ensure excellence in our professional programs.

The proposed program meets all the requirements documented in Ryerson's Academic Plan (2003 – 2008) and is aligned with Ryerson's strategic plan to develop as a "comprehensive university," one that has traditional strength in undergraduate programs, and a spectrum of relevant graduate programs. Principles elaborated within the Master of Architecture program – sustainability, new technology and Toronto-as-laboratory – reflect the centrality of technology and 'green' issues in architectural practice today. Ryerson University's location in the heart of Ontario's and Canada's most important municipality, provide the program the opportunity for teaching and learning

drawn from the environment at our doorstep. Further, the professional program shall be relevant to industry, bringing theory into practice; forward-thinking, progressive, and future-oriented, striving to lead industry into the coming decades; and cognizant of the Department's traditions, which foster a practice-oriented, holistic approach to architectural studies. The program's graduates – educated to become strong collaborators, with the flexibility to take on many roles in the AEC industry, as independent, critical thinkers, with the skills needed to conduct the research required in contemporary architectural practice – shall become leaders.

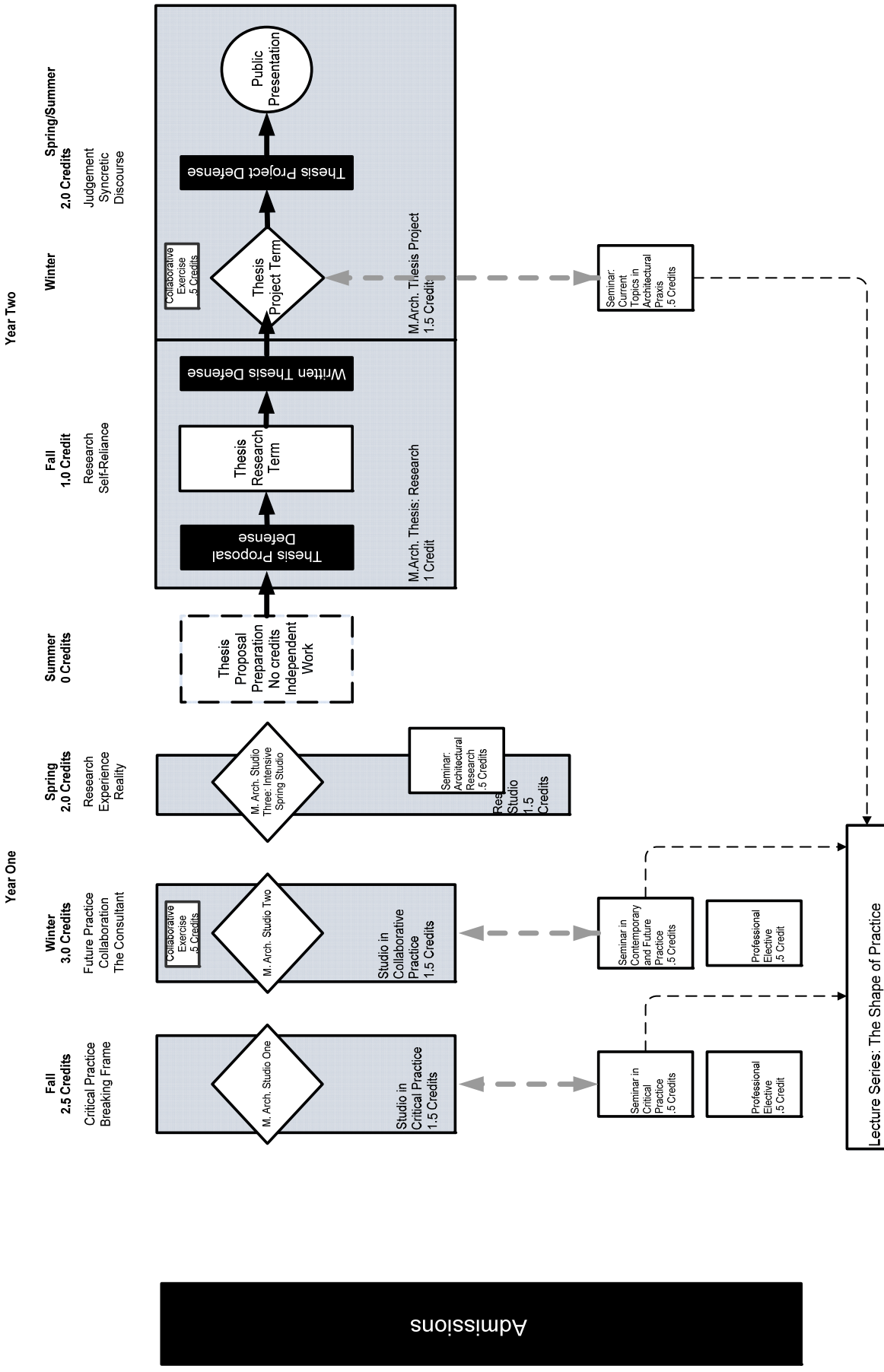
The Master of Architecture is studio-based and the requirement of the two-year, six-term Master of Architecture degree is successful completion of 6 courses, 3 studios and a thesis project. The structure of the Master of Architecture, as detailed in the OCGS brief, is pictured below. The curriculum is structured to facilitate completion in two calendar years of full-time study. The curriculum also offers opportunities for studios and student research to be undertaken in off campus locations. It is anticipated that the program will accept its first students in September 2007 (28 full-time students) and will have a steady state enrolment of 56 students³. Applicants must meet normal requirements for admission to the Ryerson School of Graduate Studies (i.e. four year honours degree or its equivalent).

The OCGS brief lists 16 tenure, tenure-track and limited term faculty as core faculty for the program, all in the Department of Architectural Science, seven of whom have been hired since 2002. The OCGS brief also identifies significant growth in SRC within the Department of Architectural Science. The Department is currently in process of establishing local norms for teaching and the proposed graduate program has been developed in anticipation of norms being in place that would be equivalent to teaching norms in other accredited architecture programs in Ontario. The program will not place any significant financial burden on the University, as evident by the changes to the undergraduate curriculum, the reduction in enrolment in the undergraduate program and the ability of the Department of Architectural Science to offer graduate assistant positions.

In summary, the new viable Master of Architecture is a natural evolution of teaching in architectural science that has been at the core of Ryerson's teaching since its inception in 1948. The new program is supported by the growth in faculty research and changes to the faculty complement. The program is strongly supported by industry and fuelled by societal needs for highly qualified personnel with advanced and professional expertise in architecture.

³The module is based on the ratio of 14 students per studio section, with two sections per year, for a total of 56 students in the program.

Master of Architecture Program Structure



4. The School of Graduate Studies has reviewed the proposal for a *Master of Journalism* listed below, and submits it to Academic Council for its approval for it to be sent to the Ontario Council on Graduate Studies for external review ('standard appraisal'). Vol. I of the brief ('The Program') is available for review in the office of the Secretary of Academic Council, and Volumes I & II ('The Program', and 'Curricula Vitae') are available for review in the office of the Dean of the School of Graduate Studies (EPH 439). Vol. I of the brief ('The Program') is also available for review at www.ryerson.ca/gradstudies/temp. Username: graduate Password: admissions

It is planned that the *Master of Journalism* will be implemented in Fall 2007.

Motion

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RYERSON UNIVERSITY

Master of Journalism

EXECUTIVE SUMMARY

For many years, Ryerson University's School of Journalism has enjoyed an excellent reputation for the quality of its undergraduate journalism education. We now propose to establish a Master of Journalism program, in which university graduates will be offered advanced professional education in journalism. Graduates of the M.J. program will be well prepared for employment in newsrooms and other journalistic workplaces; they will also receive a thorough grounding in advanced analytical and research skills and a sophisticated understanding of the vital relationship between journalism and the society in which it is practiced. The program will emphasize innovative approaches to journalistic practice, preparing graduates to adapt to rapid change and lead the developments that will transform journalism over the course of their careers. A focus on journalistic coverage of urban issues will inform the curriculum at all levels, and optional courses will give students opportunities to specialize in specific forms of journalism and in additional subject areas. Over all, the program's goal is to integrate high standards of practice and informed critical reflection in order to produce better-educated journalists and better journalism. Given journalism's central role in public life (and the continuing debates over how well it carries out this role), it is essential that those entering the profession receive the best and most sophisticated education possible. The proposal is entirely in keeping with Ryerson's current Academic Plan and the university's strategic direction of developing graduate programs in areas of existing strength.

This is a professional education in that students will learn the highest standards of professional practice under the close supervision of highly qualified instructors. This aspect of the program is rigorous and intensive. The School of Journalism has a well-established system of professional internships for its senior students, and these will be available to M.J. students. The program culminates in completion of a Major Project, which will have the same importance as a thesis or

Major Research Paper in other graduate programs. This will be a substantial piece of journalistic work in the student's chosen medium exhibiting sophistication in conception and research and superior presentation skills.

It is an advanced education in that students will also take graduate-level academic courses and seminars (including research methods) in order to understand journalism from historical and critical perspectives. Its graduates will be sophisticated journalists who understand both the full possibilities and the limitations of current journalistic practice, and who are encouraged to innovate. Graduates will be well prepared to take leadership positions in the profession and contribute to the improvement of journalistic standards and practices throughout their careers. The program is not designed to prepare students for doctoral studies.

Toronto is the centre of journalistic activity in Canada, and the program will take full advantage of Ryerson's proximity and unparalleled connections to virtually all of Canada's national news organizations. The active connections of Ryerson's faculty to these organizations will ensure a continuing cross-fertilization between teaching and the industry. Many senior working journalists will be involved in the program as guest lecturers, and, where they possess highly specialized skills, as adjunct faculty. The concentration of journalistic head offices in Toronto also makes Ryerson a logical place to experiment with innovative approaches to journalistic practice.

Faculty members in the M.J. program have extensive, high-level journalistic experience and a wide network of contacts among journalists at all levels, which will substantially enrich the educational experience and employment prospects of graduates. Of the 15 full-time professors in the School of Journalism, 12 will teach in the M. J. program. Three of these have Ph. D. degrees, and all the others have Master's degrees; all have active research agendas relating to journalism. Two new faculty members are expected to be hired by 2007, and suitability to teach in the M.J. program will be a requirement for at least one of these positions. All core courses will be taught by regular, full-time Journalism faculty (assisted in some cases by adjunct faculty), assuring the cohesiveness of the academic unit.

The program will focus throughout the curriculum on journalism that deals with urban issues, in keeping with Ryerson's mandate and taking full advantage of the university's location and expertise. Complementary courses such as "Urban Politics and Society for Journalists" will deepen students' knowledge in these areas and will build on the School of Journalism's pioneering work in covering diversity. No university in Canada is as well situated as Ryerson to make the complex urban society of the 21st century the focus of its journalism education.

Students entering the two-year Normal Stream will have acquired a broad general education by completing a four-year undergraduate program with good academic standing. They will be required to complete 20 credits for the M.J. degree, and the program of study will take six semesters. We plan to admit the first Normal Stream students in September 2007, and it is anticipated that admissions will be highly competitive.

Applicants who have substantial experience as journalists or an undergraduate degree in Journalism may qualify for admission to the three-semester, 10-credit Accelerated Stream; this will make the program attractive to working journalists in mid-career who seek more advanced professional education. The focus will be on academic and theoretical courses (with some provision for advanced specialized training in particular forms of journalism). A maximum of

five students will be admitted to the Accelerated Stream each year, and the Normal Stream will admit 20 students each year. The total enrolment at any time will thus be 45.

Curriculum (Normal Stream)

First year	Second year
Covering the City: Reporting, Writing and Editing	Law and Ethics for Journalists
Research Methods for Journalists	Journalism Workshop
Urban Politics and Society for Journalists	History of News
TWO courses from: <ul style="list-style-type: none"> • Broadcast Journalism • Online Journalism and New Media • Magazine and Feature Writing 	Interdisciplinary Graduate Courses: ONE course from <ul style="list-style-type: none"> • Media Languages: Forms and Approaches • Topics in Cross-Cultural Communication • Audiences and the Public
Critical Approaches to Journalistic Practice	Advanced Journalism: ONE course from <ul style="list-style-type: none"> • Advanced Newspaper Journalism • Advanced Magazine Journalism • Advanced Broadcast Journalism • Advanced Online Journalism
Internship	Advanced Specialized Courses: TWO credits from <ul style="list-style-type: none"> • Advanced Research Methods: Investigative Techniques (1 credit) • Television Documentary (2 credits) • Business Journalism (1 credit) • International Journalism (1 credit) • Health and Science Journalism (1 credit) • Advanced Topics in the History of Documentary (1 credit) • Changing Multicultural Mosaic of the GTA (1 credit)
Directed Reading (Subject specialty – preparation for Major Project)	Major Project

5. The School of Graduate Studies has reviewed the proposal for an ***MA in Media Production*** listed below, and submits it to Academic Council for its approval for it to be sent to the Ontario Council on Graduate Studies for external review ('standard appraisal'). Vol. I of the brief ('The Program') is available for review in the office of the Secretary of Academic Council, and Volumes I & II ('The Program', and 'Curricula Vitae') are available for review in the office of the Dean of the School of Graduate Studies (EPH 439). Vol. I of the brief ('The Program') is also available for review at www.ryerson.ca/gradstudies/temp. Username: graduate Password: admissions

It is planned that the *MA in Media Production* will be implemented in Fall 2007.

Motion

To approve the submission of the proposal for an ***MA in Media Production*** to the Ontario Council for Graduate Studies for Standard Appraisal.

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RYERSON UNIVERSITY
MA in Media Production

EXECUTIVE SUMMARY

Introduction and Rationale

Radio and Television Arts at Ryerson University proposes to establish a Master's degree in Media Production that will build on the success of its existing undergraduate program by offering advanced-level studies in broadcast theory, practice and policy designed to prepare graduates for future leadership roles in the rapidly-evolving Canadian media industry. The establishment of a Master's in Media Production at Ryerson will further enhance the program's reputation and profile by attracting faculty and graduate students interested in conducting media research in radio, audio, electronic field production (EFP), TV studio, digital media production and broadcast theory.

The cultural industries account for billions of dollars of annual revenue and produce millions of jobs for Canadians. According to Statistics Canada, revenues in the television broadcasting industry alone surpassed the \$5 billion mark last year, the result of growth in both private conventional and specialty channels. Digital channels have done particularly well with a 35% jump in subscribers over the previous year and a doubling in revenues to over \$100 million. This trend is expected to continue, even in the event of an economic downturn.

Last year, airtime sales by private radio grew by 8.4% to \$1.2 billion, despite downloading and Internet radio. This, and the development of high definition television and podcasts, has resulted in an ever-growing demand for highly skilled graduates. A steady flow of trained content creators, researchers and business specialists will be needed in the coming years if Canada is to maintain its currency in a rapidly expanding and increasingly competitive media environment. This demand is being driven by broad economic forces dictating the need for Canada to become more competitively productive and research-focused, particularly in relationship to its largest trading partner, the United States and emerging economies such as China and India.

Objectives and Structure of the Proposed Program

Specifically, RTA has ten stated objectives for the Master's in Media Production program:

1. To train broadcast graduates who possess superior research skills.
2. To provide an opportunity for media students and media practitioners to build on their undergraduate and industry experience to assume roles as cultural leaders in Canada's media community.
3. To meet the needs of the Canadian media industry by establishing a program that reflects excellence in program design and delivery.

4. To provide an innovative curriculum capable of fostering creativity, innovation and professional skills with respect to advanced media production.
5. To develop a graduate program able to respond to students wishing to pursue professional studies at a higher level by expanding their practical and theoretical knowledge.
6. To provide students with project management and decision-making skills through project-based work.
7. To assist students in becoming adaptable to changing developments in the media industry and to understand the creative, social and economic issues relating to advanced media production.
8. To provide students with a critical framework with which to analyze the cultural, historical and theoretical concepts of Canadian media production.
9. To raise RTA's profile at a national and international level through the delivery of a media curriculum capable of attracting outstanding students from Canada and abroad and facilitating international exchanges for both them and faculty.
10. To further enhance a research culture within RTA through shared projects and initiatives within the larger university community and the media industry.

To achieve these goals, RTA will work in regular consultation with external media partners to foster pedagogical and research opportunities. It is anticipated that these collaborations will also help to develop new media-based productions, products and services. This core vision is supported through a flexible series of production and theory courses, culminating in either a major professional project or a research paper.

The RTA Master's in Media Production is a one-year, three-semester, 11 credit course of study. Students will be able to develop and challenge their own intellectual, aesthetic and professional capabilities through the completion of a major project or Major Research Project (MRP), selected from a cluster of media specialties including: television studio, electronic field production, radio, audio and audio post-production, screenwriting and interactive digital media. They will also be able to choose from a range of graduate courses offered from within the ESRS Graduate School for Advanced Communications, ensuring that their work is positioned within broader social, historical, cultural and theoretical contexts. By incorporating this degree of flexibility directly into the program, RTA believes that students will not only be able to tailor a course of study to their specific needs but also be better prepared to work in a rapidly changing and increasingly interdisciplinary media environment.

The RTA Master's in Media Production places special emphasis on developing each student's research capabilities through Research Methods, a core course that stresses both theoretical and applied models of research. The program provides students not only with the skills to conduct their own research but, if they choose, to opportunity to work as graduate assistants in collaboration with faculty.

The following are the specific requirements of the proposed Master's program:

The program will accept advanced-level students with a media or related undergraduate degree and a minimum 'B' average. The program may also elect to accept highly motivated individuals from other fields of study with a desire to develop intensive knowledge in another discipline. To prepare less technically experienced students coming from other degree disciplines, a Summer Background program will be offered as a pre-requisite for entry into the course. RTA will conduct a technical proficiency test, a written test and an interview with candidates. All applicants will be further required to apply through Ryerson's School of Graduate Studies, and to

adhere to all standard admissions regulations, including those of providing transcripts, and letters of recommendation.

Faculty Resources

RTA is well positioned to offer a Master's in Media Production, particularly after the recent hiring of 9 new faculty members including two research chairs and a new Academic Director of the Rogers Communication Centre. The program currently has five OCGS Category 1 instructors holding PhDs and an additional faculty with a terminal Master's degree possessing industry currency and reputation. Two faculty members are presently graduate instructors in the Communications and Culture Master's and PhD programs. When this program is launched in 2007/8, RTA will have one to three additional PhDs and two terminal degrees within its faculty complement.

The core faculty members, individually and as a group, in the above-mentioned fields of study possess considerable research experience and expertise exhibited by their publication records in peer-reviewed journals, books and international conferences and/or significant and internationally-recognized creative activities, demonstrated through major festival competitions and media awards.

Members of the founding faculty have authored or co-authored at least 9 books, edited or co-edited 8 more, contributed 39 chapters to books, and at least 77 articles in refereed journals. In addition, faculty members have been involved as writers, producers or technical crew on literally hundreds of hours of nationally and internationally broadcast radio and television programming, ranging from award-winning documentaries to children's programming to lifestyle shows to dramas. 8 of the 14 founding faculty members also have graduate supervision experience – in some cases quite extensive experience, ranging up to 50 students supervised.

Research funding for the last seven-year period is just over \$2.9 million, and averages out to approximately \$420,000 per year. The majority of this funding emanates from SSHRC sources, and other peer-adjudicated sources. As well, creative activity accounts for an additional \$500,000 in external funding. It should be noted that these figures represent a significant amount of research funding for what had been a primarily undergraduate institution until the late 1990s. With a growing critical mass of research expertise, it is anticipated that research funding and output will grow substantially over the coming years.

6. The School of Graduate Studies has reviewed the proposal for an *MFA in Documentary Media* listed below, and submits it to Academic Council for its approval for it to be sent to the Ontario Council on Graduate Studies for external review ('standard appraisal'). Vol. I of the brief ('The Program') is available for review in the office of the Secretary of Academic Council, and Volumes I & II ('The Program', and 'Curricula Vitae') are available for review in the office of the Dean of the School of Graduate Studies (EPH 439). Vol. I of the brief ('The Program') is also available for review at www.ryerson.ca/gradstudies/temp. Username: graduate Password: admissions

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RYERSON UNIVERSITY
MFA in Documentary Media

EXECUTIVE SUMMARY

Ryerson University proposes to establish a Master of Fine Arts in Documentary Media program, which will be a high-quality program to prepare students for advanced visual production work and careers in the professions related to documentary practice in all visual media. The program is presented in recognition of several factors: the lack of MFA programs in Canada dealing with documentary media, the rapid expansion of the global market for documentary material in all media forms, and the growing intellectual and critical debate about visual information in the digital era. This is a single-field program which will be open to applicants with interests or production experience in any of the traditional imaging fields associated with visual documentation (photography, film/video, web-based archives and information resources).

Ryerson University's downtown campus location places the program in the geographical center of many of Toronto's significant arts and cultural resources, and makes a wealth of resources available to program participants, including the City of Toronto Archives, the CBC Archives, the Toronto office of the National Film Board, and the Metro Reference Library. Opportunities for practical work with professionals in all media industries are likewise an asset to the program, as are activities associated with the Toronto International Film Festival and the many other film festivals the GTA hosts annually, the Images Festival of new media work, and programs at the Cinematheque Ontario and the Canadian Film Centre.

The program meets all of the conditions and requirements outlined in Ryerson University's Academic Plan as they relate to graduate programs of study. The program has a particular focus on applied knowledge, societal need and career/professional relevance; builds on established strengths of the University and the Faculty and contributes to the strategic goals of each; has potential to enhance scholarly, research and creative activity and undergraduate program strength; is consistent with the School's own goals as stated in a recent Program Review; and will not place undue financial or facilities burdens on the University. It has particular timeliness in terms of the University's recent acceptance of the gift of the Black Star Historical Black and White Photography Collection, an archive of nearly 300,000 journalistic and documentary photographs spanning most of the twentieth century.

The program curriculum is designed for full-time participants, and anticipates accepting its first cohort of students in September 2007. The intake is targeted at twenty students per year. While the program has a core sequence of required courses, it incorporates a number of options in terms of the array of elective courses available, and the focus of each student's chosen Master's Project during the second year.

The requirement for the MFA degree is 20 course units over a period of six semesters, and completion of the Master's Project/Thesis Production. Student academic performance will be monitored each term, through grade evaluations, a Progress Report, and meetings with faculty advisors. Each student will be assigned a faculty advisor in the first year of the program; in the second year, faculty advisors may be selected on the basis of the student's production discipline.

The curriculum is represented in table form, below. A core sequence of four required Production courses is supported by two required Documentary Studies courses, two Project Development courses, and a Master's Project, to be completed by the end of a student's sixth term. A course in Research Methods, an Interdisciplinary Elective, and two additional Theory electives round out the curricular structure.

Year One					
Fall Term	Cr.	Winter Term	Cr.	Spring/Summer Term	Cr.
Production I: Image, Frame, Sequence	2	Production II: Motion, Time, Sound	2	Production III: Narrative and Interactive Forms – Editing, Scripting, and Programming	2
Documentary Studies I	1	Documentary Studies II	1	Master' Project Seminar	1
Research Methods	1	Interdisciplinary Graduate Course from Table I (Faculty to offer 2 courses from Table I)	1		
SUB TOTAL	4		4		3
Year Two					
Project Development: Supervised Preliminary Work on Master's Project	2	Production IV: Presentation and Exhibition – Venues, Markets and Networks	1	Master's Project Completion	2
Advanced Theory Elective (School to offer 2 courses from list)	1	Master's Project Production	2		
Image Arts Elective (from cross-listed courses)	1				
SUB TOTAL	4		3		2
TOTAL					20

There are eighteen faculty associated with the program. The core faculty all have recognized production experience in their respective disciplines; and all Category III faculty have research, graduate supervision and exhibition/publication records of note. Four faculty represent related disciplines in the Faculty of Communication & Design (Journalism, Professional Communication) and in the Faculty of Arts (English, Geographic Analysis). The remaining listed faculty are affiliated with the School of Image Arts and the joint York-Ryerson program in Communication and Culture. Six faculty in Categories I and III hold the PhD degree; all others hold MA or MFA degrees, five of which are terminal in their respective fields. Four program

faculty hold administrative positions in the University, including Chair, Graduate Program Director, and Program Director.

GRADUATE COURSE CHANGE FORM - 1

APPROVALS AND SIGNATURES:

Program Director (following approval by Program Committee)

Name: Bruce Elder

Signature: _____

Date: Nov 16, 2005

Chair, Affected Department(s)

Name: A. Hunter

Signature: _____

Date: Nov. 18, 2005

Dean, Teaching Faculty

Name Carla Cassidy

Signature: _____

Date: Nov 20, 2005

Dean, Graduate Studies (following approval by the SGS Programs and Planning Committee and SGS Council)

Programs and Planning Committee Approval

Name Maurice Yeates

Signature: _____

Date: March 13, 2006

SGS Council Approval Date:

Name Maurice Yeates

Signature: _____

Date: April 20, 2006

Secretary of Academic Council

Name _____

Signature: _____

Date: _____

COURSE CHANGE FORM - 2

School of Graduate Studies

Graduate Program: Joint Graduate Program in communication and Culture

Initiating School/Department: School of Graduate Studies

Approval of VP Academic: _____
 Dr. Errol Aspevig

Course Number	Course Title	Mark with "X"			Required/ Elective	Credits	Programs Affected	<i>Implement Date</i>	<i>Purpose of Change</i>
		Amend- ed	Deleted	Added					
CC88xx	The 'Sacred' in Film & Theory			x	Elective in Media and Culture	1	OM001, OM002, OP001, OP002	09/2006	This course fills a void in the study of fundamental cultural phenomena with the 'sacred' in film and cultural theory. This course is an important addition to the Media and Culture option and complements other courses on film as well as other media.

GRADUATE COURSE CHANGE FORM - 1

APPROVALS AND SIGNATURES:

Program Director (following approval by Program Committee)

Name: Bruce Elder

Signature: _____

Date: Jan 13, 2006

Chair, Affected Department(s)

Name: John Snyder

Signature: _____

Date: Jan 23, 2006

Dean, Teaching Faculty

Name Daniel Doz

Signature: _____

Date: Jan 25, 2006

Dean, Graduate Studies (following approval by the SGS Programs and Planning Committee and SGS Council)

Programs and Planning Committee Approval

Name Maurice Yeates

Signature: _____

Date: March 13, 2006

SGS Council Approval Date:

Name Maurice Yeates

Signature: _____

Date: April 20, 2006

Secretary of Academic Council

Name _____

Signature: _____

Date: _____

COURSE CHANGE FORM - 2

School of Graduate Studies

Graduate Program: **Communication and Culture**

Initiating School/Department: **School of Graduate Studies**

Approval of VP Academic: _____
Dr. Errol Aspevig

Course Number	Course Title	Mark with "X"			Required/ Elective	Credits	Programs Affected	<i>Implement Date</i>	<i>Purpose of Change</i>
		Amend- ed	Deleted	Added					
CC88xx	Writing the Self, Reading the Life			X	Elective in Media and Culture	1	Om001, OM002, OP001, OP002	Fall 2006	This course examines a variety of genres of life writing to explore the diverse ways that people have communicated their personal and public histories. This course is an important addition to the Media and Culture option and complements other courses on journalism as well as other media.

GRADUATE COURSE CHANGE FORM - 1

APPROVALS AND SIGNATURES:

Program Director (following approval by Program Committee)

Name: Philip Chan

Signature: _____

Date: March 22, 2006

Chair, Department

Name: Ali Lohi

Signature: _____

Date: March 16, 2006

Dean, Teaching Faculty

Name Zouheir Fawaz

Signature: _____

Date: March 16, 2006

Dean, Graduate Studies (following approval by the SGS Programs and Planning Committee and SGS Council)

Programs and Planning Committee Approval Date:

Name Dr. Maurice Yeates_____

Signature: _____

Date: March 27, 2006

SGS Council Approval Date:

Name Dr. Maurice Yeates_____

Signature: _____

Date: April 20, 2006

Secretary of Academic Council

Name _____

Signature: _____

Date: _____

COURSE CHANGE FORM - 2

School of Graduate Studies

Graduate Program: Chemical Engineering

Initiating School/Department: Dept. of Chemical Engineering

Approval of VP Academic: _____
Dr. Errol Aspevig

Course Number	Course Title	Mark with "X"			Y/N	Credits	Programs Affected	Implement Date	Purpose of Change
		Amended	Deleted	Added					
CE9000	Dissertation	X			Y	N/A	CP001	Sept. 2006	Doctoral students are required to present two seminars in the Graduate Student Seminar Series. This change is needed to enhance the PhD program

GRADUATE COURSE CHANGE FORM - 1

APPROVALS AND SIGNATURES:

Program Director (following approval by Program Committee)

Name: Greg Kawall

Signature: _____

Date: March 9, 2006

Chair, Department

Name: Liping Fang

Signature: _____

Date: March 10, 2006

Dean, Teaching Faculty

Name Zouheir Fawaz

Signature: _____

Date: March 15, 2006

Dean, Graduate Studies (following approval by the SGS Programs and Planning Committee and SGS Council)

Programs and Planning Committee Approval Date:

Name Dr. Maurice Yeates _____

Signature: _____

Date: March 27, 2006

SGS Council Approval Date:

Name Dr. Maurice Yeates _____

Signature: _____

Date: April 20, 2006

Secretary of Academic Council

Name _____

Signature: _____

Date: _____

COURSE CHANGE FORM - 2

School of Graduate Studies

Graduate Program: Mechanical Engineering

Initiating School/Department: Mechanical and Industrial Engineering

Approval of VP Academic: _____
Dr. Errol Aspevig

Course Number	Course Title	Mark with "X"			Y/N	Credits	Programs Affected	Implement Date	Purpose of Change
		Amended	Deleted	Added	Required Elective?				
ME8141	Transportation Phenomena in Porous Media			X	Y	1	MM001 MM003 MM004 MP001	April 2006	Needed to enhance/strengthen the graduate program

8. ***Computer Networks (for information)***

1. The program duration is being changed from four to six terms. With the change, MASc students will be eligible to apply for OSAP in their fifth and sixth terms of study. Also with the change, the MASc program in *Computer Networks* will harmonize with the rest of the MASc programs, which all have the program duration of six terms.
2. The official program fees for the MASc program will be changed to \$24,000 from \$20,000. This change simply reflects the fees the MASc students have been paying. The *Computer Networks* program will continue to provide awards of \$2100 to the MASc students in their fifth and sixth terms. Thus, the change will not increase the financial burden to the students.