Green Paper

Academic Restructuring at
Ryerson University: Some Scenarios

Provost’s Academic Structure Commission
November 27, 2009
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Appendix A: Departments in Scenarios

Appendix B: Programs and Departments
On May 6, 2009 the Provost announced the establishment of an Academic Structures Commission to prepare a Report to him on possible reorganization of some parts of the University. The Commission arises from Recommendation 16 in *Shaping Our Future: Academic Plan for 2008/13*, which was approved by Senate (May, 2008). In the consultations and discussions which guided the formation of the plan, it was argued that the academic structure be revisited to ensure the University responds effectively to internal and external pressures arising from recent and expected growth and change.

The mandate of the Provost's Academic Structures Commission (PASC) is to prepare a Report on such possible reorganizations within the context of current and anticipated teaching and research developments, following an extensive consultation process. The Commission is tasked to explore a range of possibilities with respect to restructuring existing Faculties and establishing new ones. Since becoming a university in 1993, Ryerson has grown exponentially in undergraduate student numbers and programs, has established a graduate school, and placed greater emphasis on scholarly, research and creative activity. This has occurred within the framework of a long established five-Faculty structure.

Given the Report is to be submitted to the Provost by January, 2010, the Commission (members listed below) has established a tight schedule of written reports and university-wide consultations:

1. Create a generic e-mail address ([pwg@ryerson.ca](mailto:pwg@ryerson.ca)) to which any person in the university community may send comments, ideas, suggestions, and so forth.
2. By the end of June, 2009, hold two Town Halls to explain the process, respond to questions and concerns, and receive suggestions. These were held May 29 (91 in attendance) and June 26 (41 in attendance).
4. Convene a Town Hall at which Commission members welcomed input on the Discussion Paper and the topic in general (held on Oct 2, 45 in attendance).
5. By the end of November prepare a Green Paper containing the Commission’s preliminary restructuring scenarios, and transmit to the university community.
6. Hold a Town Hall to present and discuss the Green Paper.
8. Present to Provost and university community.

Interleaved within this schedule have been discussions with other groups as requested.
Commission Members

Faculty Members:
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Professor and Chair, School of Interior Design

Kendra Schank Smith
Professor and Chair, Department of Architectural Science

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MBA Program Director and Professor, Ted Rogers School of Management

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1 Subsequently also Associate Dean, Research, FCAD
2 Subsequently Associate Dean Research, Development, and Graduate Programs, FEAS
3 A member of Board of Governors
Nancy Walton  
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- Andrew West  
  Politics and Governance
- Natasha Williams\(^5\)  
  Ted Rogers School of Business Management

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- Angela Joosse  
  Doctoral student, Communication and Culture

**Alumnus:**
- Chris Nguyen  
  Ted Rogers School of Information Technology Management '05

**Chair:**
- Maurice Yeates  
  Dean, School of Graduate Studies

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\(^4\) Appointed Interim Vice-Provost Academic, September 2009.
\(^5\) Withdrew due to pressure from other commitments.
BACKGROUND

In the Town Halls, and other local group discussions, it has been clarified that the next stage in the process beyond the contextual Discussion Paper involves this ‘green’ paper which includes a variety of possible Faculty structure scenarios. Following distribution and discussion of the ‘green’ paper, a Final Paper will provide a summary of the Commission’s deliberations, and suggest to the Provost a short list of possible alternatives. It is the Provost, following normal consultative University procedures, who will decide the timing and format of any changes that may occur. Such changes will require Senate and Board approval.

The Commission takes the existing Department structure as the building blocks of Faculties. It is, therefore, assumed that Departments as they are currently constructed will still exist (unless sub-groups within Departments suggest change), and departmentally based programs, whether they be single discipline or locally multi-discipline, remain the norm. The conclusion of the Discussion Paper includes a summary of considerations used by the Commission in its discussions of possible Faculty structures:

Legacy: There is no doubt that Ryerson has a lengthy and successful tradition of strong, accountable, and responsible administration through its five-Faculty structure. If the ensuing considerations indicate that little or no restructuring should occur with respect to a particular Faculty, then none will be suggested. This is entirely consistent with the Commission’s mandate, which is to prepare a Report on “… possible reorganization of some parts of the University”.

Congruency or “Fit”: A Faculty should include departments that are as congruent as possible. This does not imply sameness. Rather, it requires some shared assumptions and/or practices among Departments regarding things such as: prerequisites and important student skills; pedagogic structures; current and possible future teaching and research; and necessary facilities. There may or may not be any particular one (or set) of these shared by all Departments in a Faculty; overlapping threads of such assumptions and practices generally suffice. Further, such "fit" is not always clearly in favor of locating a Department uniquely in a particular Faculty.

Legitimacy: Following from the congruency principle, a Faculty should adequately represent through its leadership and designation its current and possible future foci of teaching and inquiry. Does the Faculty name and structure adequately reflect the congruent departments therein? Clarity is required.

Quality of Programs: Given Ryerson’s unique concentration in professional and quasi-professional areas, this consideration addresses the quality issue particularly in context of general Provincial standards (through OCGS and UPRAC), but also various

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6 The Discussion Paper has been circulated three times via ‘infoline’ throughout Ryerson’s academic community. It can be found at: [http://www.ryerson.ca/provost/planning/documents/](http://www.ryerson.ca/provost/planning/documents/)

professional bodies (particularly those with regulatory obligations covered by Provincial or Federal statute). The ‘tests’ are whether the Faculty would be able to focus properly on maintaining and enhancing quality among its constituent parts.

**‘Branding’ and Strategic Opportunities:** Given increasing Governmental ‘shaping’ (primarily through fiscal means) of post-secondary education and research, it is becoming increasingly important that what a university does be highly visible to the external (and internal) community. The ‘test’ question in this case is whether a Department is in a Faculty which reveals adequately the true import of what it is doing, thereby increasing the possibility of emphasizing its immediate relevance to new opportunities as they arise.

**Administrative and Operational Efficiency:** This is in many ways linked to congruence and size of Faculty. It is easier for Chairs and Deans to do their jobs if Faculties are of reasonable size, and Departments are intellectually congruent. Huge Faculties (such as traditional Faculties of Arts & Science) are invariably subdivided for administrative purposes into congruent groups, with many Associate and Assistant Deans. The ‘tests’, therefore, are whether a Faculty is too big (perhaps 8 Departments, ±4, would be about right), or too disparate; or, on the other hand, include sufficient RFA+CUPE instruction resources to warrant necessary Faculty-based support services.

**Financial Viability:** The important issue is that all Faculties implement modes of operation, particularly on the instructional side, that encourage financial efficiency and flexibility. The ‘test’ question in this case, therefore, becomes whether a new or restructured Faculty would be more likely to add to financial efficiency and academic flexibility, and not impoverish those existing. At Ryerson, a good part of increased financial efficiency can be achieved by re-organizing academic programs through some form of common first and (perhaps) second year courses.

**Growth and Opportunities:** While the potential for another phase of growth in student numbers at both the undergraduate and graduate levels is on the horizon, any Faculty restructuring that may be proposed is not predicated upon it. Furthermore, opportunities of various kinds occur that are not associated with significant growth. Faculties and Departments organized to take advantage of such situations in a financially viable manner will be in a favorable position. The general ‘test’ question would be whether any Faculty restructuring leaves Ryerson as a whole better positioned to take advantage of a variety of opportunities that may arise.

**Interdisciplinary/Multi-Disciplinary Activities:** Ryerson is not the only university in which faculty members and students appear to want more interdisciplinary programs. Equally, all universities find them difficult to design, implement, and manage in a Department based environment. There are few real interdisciplinary programs at the undergraduate level at Ryerson. The three highly successful interdisciplinary programs at the graduate level provide clear economic incentives for cooperation. Would Faculties consisting of more congruent disciplines foster greater within-Faculty interdisciplinary work? Should a Faculty (or School) of Interdisciplinary Studies be
established to develop cross-Faculty interdisciplinary work at the undergraduate level? What kinds of economic incentives should be required?

**Single-Discipline Professional Faculties:** One of the reasons some ‘traditional’ universities have many Faculties is that single-discipline professional areas (such as Social Work), particularly those subject to Provincial regulations (such as Education or Nursing), are often designated as Faculties. Questions related to separate Faculty status include: is a single-discipline area too ‘large’ to be included with other much smaller Departments in a Faculty; and, does such a Department’s professional obligations require sufficiently different administrative and/or pedagogic structures?

**Acceptability:** Previous decisions at Ryerson concerning Faculty restructuring have not involved as much community involvement as the current exercise. Any outcome will have to be acceptable to those involved. Unfortunately, whatever restructuring happens, there may be knock-on effects. One or more Departments may have to make a Faculty location decision that it might prefer not to contemplate. While the Commission contemplates alternative scenarios, it will have to keep in mind the question of acceptability, and undoubtedly it will be front and centre in the minds of the Provost, Senate, and Board of Governors.

Perusal of the above list immediately suggests that scenarios will differ in response to the considerations that underlie their formation. It is evident that if a particular restructuring paradigm commences with emphasis on one particular consideration, it is likely that the rest of the structure will incur knock-on effects. It is for this reason that the Commission decided to simulate possible consequences in a set of scenarios if a particular change in faculty structure were to be implemented. Thus, these simulations are merely designed to illustrate an impact of the change.
Although the most obvious ‘metric’ for comparison of scenarios is the Departmental complement involved, other measures indicative of aggregate Faculty size are needed. The Discussion Paper includes: undergraduate BIUS and FFTEs generated by program; undergraduate BIUs and FFTEs by teaching Department; and RFA+CUPE instructional resources by Department. The easiest and most comprehensive to use as a measure of size is RFA+CUPE\(^8\) by Department because this embraces resources reflective of both undergraduate and graduate teaching and supervision, and includes the recent departmentalization of TRSM (Figure 1). However, undergraduate FFTEs and graduate

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\(^8\) It will be recalled from the Discussion Paper (pp 18-24) that the RFA+CUPE measure is derived from: UPO (2008) Decision Support Indicators and Data (Ryerson University: University Planning Office, December, 2008), Table of “RFA and CUPE Counts” p. 2.11. The following formula is used by UPO with respect to CUPE resources: 1FTE = 15 ACH over two semesters for sessional CUPE instructors; and 16 ACHs over two semesters for PT.
headcounts (domestic + visa) are also included for illustrative purposes\(^9\).

One parameter to which the Commission is adhering concerns the maximum number of Faculties to be suggested. A cursory listing of the number of Faculties compared with university headcount suggests that Ryerson has relatively few compared with other institutions. Indeed, it was suggested in the Discussion Paper (p. 15) that as many as eight would not be unusual, and even more so if Ryerson were to be at 33,000 headcount. Furthermore, it is expected that aggregate administrative costs with respect Faculties would be no greater than the current share of total University income.

**Figure 2. Selected Comparator Universities: Number of Faculties and Headcount (as of early June, 2009). Source: Discussion Paper, p.15.**

\[^9\] FFTE (Fiscal Full-Time Equivalent) undergraduate data from UPO, 2008/9, SAS files, three terms, totals (ie. domestic+visa).
Graduate headcount also domestic+visa and is for Nov 1 2009. ComCult, EnSciMan, and I&SS headcounts distributed *pro rata* among contributing departments based on courses taught.
numbers of Departments, though the aggregate number of instructors in each Faculty is quite varied:

Table 1. The Existing Faculty Structure, 2008/9

<table>
<thead>
<tr>
<th></th>
<th>FEAS</th>
<th>FCS</th>
<th>TRSM</th>
<th>Arts</th>
<th>FCAD</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFA+CUPE</td>
<td>232.3</td>
<td>191.4</td>
<td>147.7</td>
<td>205.7</td>
<td>181.3</td>
<td>958.4</td>
</tr>
<tr>
<td>FFTEs by Program</td>
<td>3925.0</td>
<td>3628.1</td>
<td>5253.2</td>
<td>1977.7</td>
<td>3366.3</td>
<td>18150.3</td>
</tr>
<tr>
<td>FFTEs by Department</td>
<td>3589.7</td>
<td>2868.2</td>
<td>4415.2</td>
<td>4360.1</td>
<td>2917.1</td>
<td>18150.3</td>
</tr>
<tr>
<td>Graduate Headcount</td>
<td>1012</td>
<td>316</td>
<td>191</td>
<td>328</td>
<td>241</td>
<td>2088</td>
</tr>
</tbody>
</table>

It was noted in the Discussion Paper (pp. 21-24) that within each of these Faculties are clusters of Departments which are generally recognized to have more in common with each other in terms of congruency than those in other clusters.

- The Faculty of Arts, for example, involves Departments in the social sciences and humanities, and in some universities these are separate Faculties.
- FEAS includes Departments in engineering and science – again clusters that are often in separate Faculties in other institutions. At Ryerson, Architectural Science, which is located currently in FEAS, includes foci in building science and project planning (construction) as well as architecture.
- In TRSM the clustering is around Business Management (including retail, and hospitality and tourism management), and Information Technology Management.
- In the Discussion Paper (p.22) it was suggested that FC&D involves two groups of Departments – those in the design area, and others in the general area of communication. The Dean of FC&D indicates that there are three “… distinct and interrelated…” areas within the Faculty: “communication, design, and visual and performing arts”.
- FCS includes Nursing and health related Departments; leaving four that appear little related (Social Work, ECE, Urban & Regional Planning, and Child and Youth Care). Nursing is often a separate Faculty in other universities, and by itself is one-third of FCS in teaching resources and enrolment.

In essence, while it is Departments that form the building blocks of Faculties, it is wise that Faculties be developed in the context of existing clusters. That is why in the Mt. Allison case, when the objective was to encourage greater inter-departmental curriculum cooperation in the first and second bachelor level years, the university disaggregated one Faculty into three by cluster. Alternately, of course, clusters can be the basis of large-scale aggregations, as with a traditional Faculty of Arts & Science.

Scenario 2: One feature of many established universities that cannot be ignored is the traditional Faculty of Arts and Science – a Faculty structure that is predicated on an idea that the social sciences, humanities, and science disciplines lie at the ‘core’ of a university’s educational operation (see Appendix A). This is not the Ryerson heritage, and does not clearly reflect its professionally-oriented program mandate.

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Table 2. A Simulated Traditional Faculty Structure

<table>
<thead>
<tr>
<th>Departments</th>
<th>Eng+Arch</th>
<th>FCS</th>
<th>TRSM</th>
<th>Arts&amp;Sc</th>
<th>FCAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFA+CUPE</td>
<td>158.1</td>
<td>191.4</td>
<td>147.7</td>
<td>279.9</td>
<td>181.3</td>
</tr>
<tr>
<td>FFTEs by Program</td>
<td>2786.8</td>
<td>3628.1</td>
<td>5253.2</td>
<td>3115.9</td>
<td>3366.3</td>
</tr>
<tr>
<td>FFTEs by Department</td>
<td>1660.1</td>
<td>2868.2</td>
<td>4415.2</td>
<td>6289.7</td>
<td>2917.1</td>
</tr>
<tr>
<td>Graduate Headcount</td>
<td>901</td>
<td>316</td>
<td>191</td>
<td>440</td>
<td>241</td>
</tr>
</tbody>
</table>

However, the traditional Faculty of Arts and Science, which in some universities includes also a few fine arts disciplines (e.g., Toronto, Queen’s), does provide a means for dealing with many of the issues arising from interdisciplinary (and multidisciplinary) undergraduate and graduate programs. As enunciated in the Town Halls, and in writing 12, these issues include: a ‘home’ for the program; provision of TAs and GAs; access to study space and labs; transferability with respect to majors and minors; teaching and supervisory arrangements; and, faculty hiring, assessment, and promotion procedures. In one large Faculty of this type the majority of the resources and management procedures required are ‘under one roof’, and coordination difficulties with other Faculties are mitigated.

Scenario 3: A strong impetus for faculty restructuring has come from a cluster of four Departments which advocate a Faculty of Science – Chemistry & Biology; Physics; Computer Science; and Mathematics. The argument for this is based on the congruency of the Departments and programs involved, the efficiencies to be realized in the administration of similar units, and the enhanced legitimacy gained from the clarity of the Faculty name. However, the separation of these Departments from FEAS (see Appendix A) has raised issues concerning: whether its size is sufficient to warrant Faculty status; assuring the quality of science teaching in Engineering education; and the ‘default’ placement of Architectural Science in what becomes a Faculty of Engineering.

Table 3. Including a Science Faculty.

<table>
<thead>
<tr>
<th>Departments</th>
<th>Science</th>
<th>Eng+Arch</th>
<th>FCS</th>
<th>TRSM</th>
<th>Arts</th>
<th>FCAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFA+CUPE</td>
<td>74.2</td>
<td>158.1</td>
<td>191.4</td>
<td>147.7</td>
<td>205.7</td>
<td>181.3</td>
</tr>
<tr>
<td>FFTEs by Program</td>
<td>1138.2</td>
<td>2786.8</td>
<td>3628.1</td>
<td>5253.2</td>
<td>1977.7</td>
<td>3366.3</td>
</tr>
<tr>
<td>FFTEs by Department</td>
<td>1929.6</td>
<td>1660.1</td>
<td>2868.2</td>
<td>4415.2</td>
<td>4360.1</td>
<td>2917.1</td>
</tr>
<tr>
<td>Grad Headcount</td>
<td>146</td>
<td>867</td>
<td>316</td>
<td>191</td>
<td>328</td>
<td>241</td>
</tr>
</tbody>
</table>

With respect to these issues, it may be observed that: many universities have faculties with four or less Departments; there should be every incentive for science to maintain and enhance the quality of its contributions to education in Engineering for that is its major ‘market’; and Architectural Science should be located, if possible, in a Faculty in which it (and other departments) can realize the greatest net positive externalities and feel comfortable.

12 Letter received from M. Bardecki and R. Pushchak, August 6, 2009.
In most universities, architecture is usually located with other design departments, for example: U of Manitoba, where the **Faculty of Architecture** includes departments of architecture, env. design, city planning, interior design, and landscape arch.; U of NSW, where a **Faculty of Built Environment** includes architecture, planning, sustainable development; U of Melbourne – **Faculty of Architecture & Planning**; UC-Berkeley, where a **Faculty of Environmental Design** includes architecture, city & regional planning, landscape architecture & environmental planning, and urban design. Less commonly, architecture may be associated with engineering (eg. U of Waterloo).

**Scenario 4:** One of the themes about Ryerson that has attracted great interest is the University’s role as a ‘city builder’, and its engagement with urban/environment issues. This emphasis is quite consistent with the institution’s heritage – it is, however, an articulation that requires clarity in its Faculty structure, as well as presence in curricula (undergraduate and graduate), SRC, and community service and involvement. While considerable activity exists across the University with respect to this thrust, our ‘Faculty face’ in this regard is obscure.

It could be argued there is a coterie of Departments -- Architectural Science, Urban and Regional Planning, Interior Design, and Geographical Analysis – that might form a **Faculty of the Built and Physical Environment**. Such a Faculty would highlight many aspects of what Ryerson is doing, and serve as a creative force for the development of cross-disciplinary courses, multidisciplinary majors, and applied research, within this broad theme. The Commission recognizes that this grouping has not emerged as a ‘natural’ cluster at Ryerson -- each of these Departments is currently located in a different Faculty – but believes they have a high level of academic congruence, and there are exciting curricula and research developments to be realized.

Table 4: Including Faculties of Science, and the Built & Physical Environment.

<table>
<thead>
<tr>
<th>Departments</th>
<th>Science</th>
<th>TRSM</th>
<th>Eng</th>
<th>CS</th>
<th>SS&amp;H</th>
<th>C&amp;D</th>
<th>B&amp;PE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>10</td>
<td>5</td>
<td>9</td>
<td>9</td>
<td>7</td>
</tr>
<tr>
<td>RFA+CUPE</td>
<td>74.2</td>
<td>147.7</td>
<td>126.5</td>
<td>180</td>
<td>186.1</td>
<td>162.5</td>
<td>81.4</td>
</tr>
<tr>
<td>FFTEs by Program</td>
<td>1138.2</td>
<td>5253.2</td>
<td>2255.7</td>
<td>3319.6</td>
<td>1771.2</td>
<td>3036.7</td>
<td>1375.7</td>
</tr>
<tr>
<td>FFTEs by Department</td>
<td>1929.6</td>
<td>4415.2</td>
<td>1190.1</td>
<td>2652.1</td>
<td>3968.6</td>
<td>2601.0</td>
<td>1393.7</td>
</tr>
<tr>
<td>Graduate Headcount</td>
<td>146</td>
<td>191</td>
<td>785</td>
<td>263</td>
<td>283</td>
<td>229</td>
<td>191</td>
</tr>
</tbody>
</table>

An advantage of a Faculty of B&PE is that it would help to address some of the issues raised with respect to interdisciplinary studies in the environmental area\textsuperscript{13}: a ‘home’ for the existing PhD/MASC program in Environmental Applied Science and Management\textsuperscript{14}; a place from which proposed multidisciplinary/multi-Faculty undergraduate (such as in ‘environment and urban sustainability’) and graduate programs may be developed; and, designated space for student research and interaction. Although these types of programs involve more Departments than those included in the simulated

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\textsuperscript{13} Letter received from M. Bardecki and R. Pushchak, August 6, 2009.

\textsuperscript{14} Which currently involves 14 Departments in four Faculties.
Faculty of the B&PE, it would provide a strong base from which multidisciplinary programs could be maintained and negotiated.\textsuperscript{15}

**Scenario 5:** With about 10.1% of the nation’s GDP associated with health care, it is unsurprising that many universities which do not have Faculties of Medicine wish to identify the programs they have in health care and associated activities. Health related employment is labor intensive, and the demand for places in professional programs in the area strong. It is interesting that Ryerson did have a Division of Health Sciences prior to 1970 which changed into Community Services with the addition of non-health programs.

The Commission has, therefore, discussed re-creating a Faculty of Health and Behavioural Science. The University is far stronger today in health care activities at both the undergraduate and graduate levels, and in research, than it was thirty years ago. Apart from this programmatic strength, there is also the University’s responsibility to help meet society’s health employment and research needs. Examples of non-medical universities that have established Faculties in the health area are:

- SFU, which has a non-departmentalized Faculty of Health Sciences offering bachelor (BA, BSc) and masters (MPH, MSc) degree programs in such thematic areas as: infectious disease; environmental health and toxicology; social determinants of health; mental health and addiction; and, global health;
- The U of Waterloo which has a Faculty of Applied Health Sciences including Departments of: Health Studies and Gerontology; Kinesiology; and Recreation and Leisure Studies. Notably, the Departments of Optometry and Pharmacy are in the Faculty of Science; and Psychology is in the Faculty of Arts.
- York University, which, as was noted in the *Discussion Paper*, has established a Faculty of Health including Departments of: Nursing; Kinesiology; Health Policy & Management; and Psychology.

Table 5. Including Faculties of: Health & Behavioural Science; and, the Built & Physical Environment

<table>
<thead>
<tr>
<th>Departments</th>
<th>Science</th>
<th>TRSM</th>
<th>Eng</th>
<th>CS</th>
<th>SS&amp;H</th>
<th>C&amp;D</th>
<th>B&amp;PE</th>
<th>H &amp; B</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFA+CUPE</td>
<td>74.2</td>
<td>147.7</td>
<td>126.5</td>
<td>71.9</td>
<td>156.9</td>
<td>162.5</td>
<td>81.4</td>
<td>137.3</td>
</tr>
<tr>
<td>FFTEs by Program</td>
<td>1138.2</td>
<td>5253.2</td>
<td>2255.7</td>
<td>1685.7</td>
<td>1455.5</td>
<td>3036.7</td>
<td>1375.7</td>
<td>1949.6</td>
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<tr>
<td>FFTEs by Department</td>
<td>1929.6</td>
<td>4415.2</td>
<td>1190.1</td>
<td>1306.1</td>
<td>3448.8</td>
<td>2601.0</td>
<td>1393.7</td>
<td>1865.8</td>
</tr>
<tr>
<td>Graduate Headcount</td>
<td>146</td>
<td>191</td>
<td>785</td>
<td>84</td>
<td>228</td>
<td>229</td>
<td>191</td>
<td>234</td>
</tr>
</tbody>
</table>

Inclusion of a Faculty of Health & Behavioural Science is simulated here in the context of Scenario 4, but it could just as well be included in other scenarios. Those that could be involved are Departments of: Health Services Management; Midwifery; Nursing; Nutrition; Occupational and Public Health; and Psychology. The latter Department is suggested because of its major research fields in clinical psychology and

\textsuperscript{15} Recognizing that, at Ryerson, Faculties are the designated locus of RFA positions.

\textsuperscript{16} *Health Care in Canada, 2009: A Decade in Review* (Canadian Institute for Health Information), p. 47.

psychological science. Such a Faculty would appear to provide greater presence in the general area of ‘health’ than the three Canadian universities mentioned above. Furthermore, it would clearly ‘brand’ and clarify Ryerson’s involvement in health activities, and enhance the University’s case for expanded enrolment and research in the area should such opportunities arise.

**Scenario 6:** This scenario addresses the notion of single-discipline Faculties. They are common in virtually all large universities, though none exist at Ryerson. But, with research and possible certificate-type developments in Law now above the horizon, the possibility of such Faculties in the future cannot be ignored\(^\text{18}\).

Some of the parameters and implications may be outlined in the context of a possible **Faculty of Nursing**. Ryerson has the largest undergraduate enrolment in Nursing education in Canada, and yet others are Faculties\(^\text{19}\). The reason for this is that Nursing programs are subject to strong provincial regulation and review with respect to access (eg. college transfers) and curriculum; have extensive practicum arrangements with a variety of practice settings; and, complex administrative requirements because of the internal/external nature of all their programs. Ryerson also has one of the largest masters programs with 150 graduate students, and a growing research presence.

Such a Faculty could be established within the context of any scenario, except one involving a Faculty of Health. For comparative purposes, in Table 6 Nursing is included in the context of Scenario 3. This placement emphasizes that a Faculty of Nursing would have an instructional complement similar to that of a Faculty of Science, though its undergraduate FFTEs by program are somewhat less.

**Table 6. Including a Faculty of Nursing in the Context of Scenario 3**

<table>
<thead>
<tr>
<th></th>
<th>Science</th>
<th>Eng+Arch</th>
<th>FCS</th>
<th>TRSM</th>
<th>Arts</th>
<th>FCAD</th>
<th>Nurs.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Departments</strong></td>
<td>4</td>
<td>6</td>
<td>9</td>
<td>10</td>
<td>10</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>RFA+CUPE</td>
<td>74.2</td>
<td>158.1</td>
<td>123.6</td>
<td>147.7</td>
<td>205.7</td>
<td>181.3</td>
<td>67.8</td>
</tr>
<tr>
<td><strong>FFTEs by Program</strong></td>
<td>1138.2</td>
<td>2786.8</td>
<td>2787.9</td>
<td>5253.2</td>
<td>1977.7</td>
<td>3366.3</td>
<td>840.2</td>
</tr>
<tr>
<td><strong>FFTEs by Department</strong></td>
<td>1929.6</td>
<td>1660.1</td>
<td>2162.1</td>
<td>4415.2</td>
<td>4360.1</td>
<td>2917.1</td>
<td>706.1</td>
</tr>
<tr>
<td>Graduate Headcount</td>
<td>146</td>
<td>867</td>
<td>167</td>
<td>191</td>
<td>328</td>
<td>241</td>
<td>149</td>
</tr>
</tbody>
</table>

**Scenario 7:** The importance of the ‘design economy’ to Ontario, and Toronto’s, competitiveness is emphasized in a DIAC (2004) report *Design Matters* and in Vinodrai (2009)\(^\text{20}\). On the basis of an analysis of employment in architecture, landscape architecture, graphic design, interior design, industrial design, and fashion, the DIAC report suggests there are about 40,000 workers in the design economy in Ontario. It is

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19 *Daphne Cockwell School of Nursing Submission to PASC*, November, 2009, 5pp.

also claimed that Toronto has the third largest design labor force in North America (after New York and Boston). In the rhetoric of Design Matters, a design workforce can “…build global brands, make companies more competitive, grow the economy, transform our cities, anticipate future needs, create sustainable communities, and enhance quality of life”.

It could be argued that Ryerson, with its programs in Architectural Science, Graphics Communication Management, Interior Design, Fashion, and Urban and Regional Planning (with its emphasis on urban design) has unique strength in the broad and fluid area of design. Why not then group these Departments together in a Faculty which through greater focus can gain increased advantages of congruence, legitimacy, branding, and cross-disciplinary curricula developments?

A Faculty of Design would obviate the idea of a Faculty of the Built and Physical Environment, and imply the establishment of a distinct Faculty of Media & Communication (see Appendix A) which would include existing Departments in communication and visual and performing arts (Table 7). A Faculty of Media & Communication provides a framework for: conflating theory, scholarship, creative activities, technology, and practice; establishing common first and second year courses and electives; and, a ‘home’ for graduate and undergraduate programs perhaps under the rubric of ‘cultural industries’ and ‘experiential media’ (which is not to imply that other disciplines and Faculties could not also be involved). Such a Faculty should more firmly establish itself as the home for the existing graduate program in communication and culture.

Table 7. Simulating Faculties of Design, Media & Communication, Science, and Health

<table>
<thead>
<tr>
<th>Departments</th>
<th>Design</th>
<th>M &amp; C</th>
<th>Eng</th>
<th>CS</th>
<th>SS&amp;H</th>
<th>Science</th>
<th>TRSM</th>
<th>H&amp;B</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFA+CUPE</td>
<td>95.9</td>
<td>128.3</td>
<td>126.5</td>
<td>71.9</td>
<td>176.5</td>
<td>74.2</td>
<td>147.7</td>
<td>137.3</td>
</tr>
<tr>
<td>FFTES by program</td>
<td>2071.7</td>
<td>2134.2</td>
<td>2255.7</td>
<td>1685.7</td>
<td>1662.0</td>
<td>1138.2</td>
<td>5253.2</td>
<td>1949.6</td>
</tr>
<tr>
<td>FFTES by Department</td>
<td>1633.8</td>
<td>1969.2</td>
<td>1190.1</td>
<td>1306.1</td>
<td>3840.5</td>
<td>1929.6</td>
<td>4415.2</td>
<td>1865.8</td>
</tr>
<tr>
<td>Graduate Headcount</td>
<td>146</td>
<td>229</td>
<td>785</td>
<td>84</td>
<td>273</td>
<td>146</td>
<td>191</td>
<td>234</td>
</tr>
</tbody>
</table>

Scenario 8: This scenario arises from an observation in the Commission that Ryerson has many Departments and programs in the applied social science disciplines which lead to qualifications required for employment in existing or developing professional areas. They all have: a base in social, economic, and political theory; a need for general knowledge concerning administrative law, structures and practices; and, a common demand by potential employers for graduates with related analytical skills. Furthermore, it is a loose grouping that in some universities elements of which may be included in a Faculty whose

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21 Levine, I. Proposed School of Creative Industries, Oct 14, 2009, pp7. This paper appears to call for a restructuring of the current FCAD around four Departments: media production; fine arts; communication; and design.

22 Ball, A. Proposal Summary: Experiential Media Institute (XMI), Nov 12, 2009, pp5. This paper calls for a research and curriculum cluster in its specific area, and that it be one of a larger number of clusters within FCAD. It is also proposed that a curricula be developed that provides for a large number of electives.
title includes the word ‘administration’, though the Commission believes such an implication unnecessarily confusing in Ryerson’s case.

A possible **Faculty of Professional Social Science** could include, but is not limited to: Child and Youth Care; Criminal Justice; Disability Studies; ECE; Economics (ie. int. econ. & finance); Geographic Analysis; Politics; Social Work; and Sociology (Appendix A). Such a Faculty would be quite large; could build on the ‘common platform’ programs already established in the existing Faculty of Arts; widen possibilities for student transferability between programs; and, provide a ‘home’ for undergraduate and graduate programs in such areas as immigration and settlement studies, international development, regional studies, and policy studies. It should be noted that in this simulation (Table 8) Psychology remains placed in a Faculty of Health.

Table 8. Faculties of Professional Social Science and Humanities

<table>
<thead>
<tr>
<th>Departments</th>
<th>Prof.SS</th>
<th>Hum.</th>
<th>M &amp; C</th>
<th>Design</th>
<th>TRSM</th>
<th>Eng.</th>
<th>Science</th>
<th>H &amp; B</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFA+CUPE</td>
<td>175.7</td>
<td>72.8</td>
<td>128.3</td>
<td>95.9</td>
<td>147.7</td>
<td>126.5</td>
<td>74.2</td>
<td>137.3</td>
</tr>
<tr>
<td>FFTEs by program</td>
<td>2922.9</td>
<td>424.8</td>
<td>2134.2</td>
<td>2071.7</td>
<td>5253.2</td>
<td>2255.7</td>
<td>1138.2</td>
<td>1949.6</td>
</tr>
<tr>
<td>FFTES by Department</td>
<td>3978.4</td>
<td>1168.2</td>
<td>1969.2</td>
<td>1633.8</td>
<td>4415.2</td>
<td>1190.1</td>
<td>1929.6</td>
<td>1865.8</td>
</tr>
<tr>
<td>Graduate Headcount</td>
<td>300</td>
<td>57</td>
<td>229</td>
<td>146</td>
<td>191</td>
<td>785</td>
<td>146</td>
<td>234</td>
</tr>
</tbody>
</table>

An immediate ‘knock-on’ concern would be the placement of disciplines that traditionally form the Humanities into a new Faculty. Such a grouping is comparable with Science in instructional complement. Furthermore, with current planning for new undergraduate programs and common entry courses, the Humanities Departments are well situated to cater for a significant part of possible future growth, perhaps couched in part in the context of ‘culture and diversity’.

**Interdisciplinary Studies:** Interdisciplinary programs and research are increasingly regarded as a vital component of intellectual inquiry, primarily because they involve integration of knowledge across disciplines, which can lead to new insights and innovation. In *Shaping Our Future* it is stated that: “Ryerson vigorously expand its response to dynamic change…” by creating “…new and innovative curricula and program structures, including both discipline-based and cross-disciplinary programs … [and] …new opportunities for cross-disciplinary inquiry by researchers, creative practitioners, and students.”

In consequence, there has been considerable discussion concerning a possible **Faculty of Interdisciplinary Studies**, which could serve as an ‘umbrella’ for a variety of cross-discipline, cross-Faculty, programs. The discussion arises primarily because, apart from experiences with four successful interdisciplinary programs at the graduate level, cross-Faculty interdisciplinary undergraduate programs are virtually non-existent, and those that do exist could embrace a wider constituency (see Appendix B). For example,

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the highly successful Arts and Contemporary Studies program (in the Faculty of Arts) could well be expanded to include Departments in other Faculties.

This lack is possibly due to the fact that at Ryerson matters related to: faculty hiring, assessment, tenure and promotion; teaching and supervisory ‘loadings’; program and curriculum development; program budgeting; and so forth are all undertaken at the Faculty and Departmental levels. This structure, as with most other universities, tends to inhibit development of interdisciplinary programs. In such an administrative situation, faculty and students involved with interdisciplinary programs tend to ‘suffer’ in various ways. For example, faculty may ‘suffer’ because the Department in which they are located may view their involvement with interdisciplinary programs as marginal to the Departmental enterprise. Students in such programs may ‘suffer’ with respect to course selection and supervision availability. Graduate students may ‘suffer’ because GAs are more readily available to students registered in departmentally-based programs. The University in general ‘suffers’ through its apparent neglect of interdisciplinarity.

At various points during the course of the development of the previous scenarios it has been suggested where Faculty ‘homes’ for interdisciplinary programs may be. But, it is argued, these would be ad hoc arrangements, and still leave loose ends for such programs generally reach across Faculties. The answer may be to establish a Faculty of Interdisciplinary Studies (within the context of no more than eight Faculties) that can act like a ‘normal’ Faculty with respect establishment of programs, with some faculty appointments, but with a budget that includes funds to ‘purchase’ required instructional and other resources from cooperating Faculties and Departments. Its mandate would be to develop and manage interdisciplinary programs at both the undergraduate and graduate levels, and it would be established as a Faculty so that it could make some key instructional appointments, and provide a ‘home’ for students. It would also provide an additional avenue for program development, one that focuses on integration of discipline based knowledge.

Graduate Studies: the School of Graduate Studies (SGS) is the academic unit, which administers and delivers graduate programs at Ryerson. Since the year 2000 when SGS was implemented, it has facilitated Ryerson’s transformation from a primarily undergraduate university. SGS central coordination has provided mentorship to new and emerging graduate programs and has led Ryerson to meet and surpass its graduate enrolment targets. Currently, Ryerson offers 37 graduate programs including those awaiting approval by the Board of Governors. Of this total, 4 programs are interdisciplinary and 33 are associated with a single department/school.

For academic units in the latter group, graduate program delivery and research activities carried out by their graduate students are integral to their day-to-day operations. Yet, SGS remains to be the academic home of these graduate programs and students as SGS has not only administrative but also operational responsibility in the delivery of graduate programs.

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Other universities have addressed these issues by assigning program delivery and financing thereof to Departments; and mainly administrative and coordinating responsibilities to SGS\textsuperscript{25}. Many of our graduate programs have been operational for four or more years; they have established strong track records and produced many graduates. Some have successfully completed their first seven year periodic (or cyclical) program reviews (Table 10). In other words, Ryerson and its academic units have matured and are now significantly more experienced in the delivery of graduate programs compared to the time when we first embarked on this journey.

Table 10. Ryerson University: Outcome of Periodic Appraisal Reviews

<table>
<thead>
<tr>
<th>Program</th>
<th>Year</th>
<th>Type\textsuperscript{26}</th>
<th>Outcome\textsuperscript{27}</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD/MASc/MEng Elect and Comp Eng</td>
<td>2005/06</td>
<td>Abbreviated</td>
<td>Good Quality</td>
</tr>
<tr>
<td>MA Photo Preserv &amp; Coll Mngmt</td>
<td>2006/07</td>
<td>Abbreviated</td>
<td>Good Quality</td>
</tr>
<tr>
<td>PhD/MASc/MEng Civil Engineering</td>
<td>2007/08</td>
<td>Full</td>
<td>Good Quality</td>
</tr>
<tr>
<td>MASc Env App Sc and Mngmt.</td>
<td>2007/08</td>
<td>Full</td>
<td>Good Quality</td>
</tr>
<tr>
<td>MSA Spatial Analysis</td>
<td>2007/08</td>
<td>Full</td>
<td>Good Quality</td>
</tr>
<tr>
<td>PhD/MASc/MEng Mechanical Eng.</td>
<td>2007/08</td>
<td>Abbreviated</td>
<td>Good Quality</td>
</tr>
<tr>
<td>MA Public Policy and Admin</td>
<td>2007/08</td>
<td>Abbreviated</td>
<td>Good Quality</td>
</tr>
<tr>
<td>PhD/MASc/MEng Chemical Engineering</td>
<td>2008/09</td>
<td>Full</td>
<td>Good Quality</td>
</tr>
<tr>
<td>MA International Economics and Finance (PhD)/MA Psychology</td>
<td>2009/10</td>
<td>Abbreviated</td>
<td>Good Quality</td>
</tr>
<tr>
<td>MSW Social Work</td>
<td>2009/10</td>
<td>Abbreviated</td>
<td>Good Quality</td>
</tr>
<tr>
<td>PhD/MA Communication and Culture</td>
<td>2009/10</td>
<td>Full</td>
<td>in progress</td>
</tr>
<tr>
<td>MA Early Childhood Studies</td>
<td>2010/11</td>
<td>Full</td>
<td>in preparation</td>
</tr>
</tbody>
</table>

In view of these observations, the university administration may want to revisit the role of SGS in the delivery of graduate programs, and investigate whether alternate administrative structures can bring further efficiencies and enhance the graduate student experience\textsuperscript{28}.

\textsuperscript{25} Such responsibilities include but are not limited to: administration of oral examinations, doctoral thesis defenses; development and administration of policies and procedures related to graduate studies; administration of graduate admissions and general recruitment (particularly through the GAC); administration of University-based and external graduate scholarships; graduate faculty (SGS) membership; curriculum and calendar development; enhancing opportunities for professional skills development for graduate students; new program development and approval; management of quantitative and qualitative information pertaining to programs and students; degree audit and convocation; and maintaining central communication tools such as the SGS web-site.

\textsuperscript{26} ‘Full’ means the program has been implemented for at least two years, and the review involves external consultants. ‘Abbreviated’ means the program is too close to implementation for external consultants to be required – in such cases a ‘paper review’ is conducted by Appraisals Committee of OCGS.

\textsuperscript{27} Possible outcomes: Good Quality; Good Quality with Report; Conditionally Approved; Not Approved to Continue. In general, about 58% of Periodic Appraisal submissions (Full and Abbreviated) are placed immediately in the Good Quality category.

\textsuperscript{28} SGS has a data survey of the functions of Graduate Schools of comparable size in Canada.
FACILITATING CHANGE

Each scenario, then, brings different strengths to the Faculty structure table. Table 9 provides a summary indicating those four of five considerations which Commission members believe, based on its discussions, are most clearly met in any particular suggested scenario. Each person in the University will, of course, have their own views on the matter. The staging of any implementation will be up to discussions between the Provost’s office and the Departments involved, which is why the acceptability row is left blank.

Table 10. Attributes of Existing, and Possible Restructured Scenarios

<table>
<thead>
<tr>
<th>Consideration</th>
<th>Scenario 1 SQ</th>
<th>Scenario 2 A&amp;S</th>
<th>Scenario 3 Sc</th>
<th>Scenario 4 B&amp;PE</th>
<th>Scenario 5 H&amp;B</th>
<th>Scenario 6 N</th>
<th>Scenario 7 Des</th>
<th>Scenario 8 PSS</th>
<th>Int</th>
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</thead>
<tbody>
<tr>
<td>Legacy</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Congruency or ‘Fit’</td>
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<tr>
<td>Legitimacy</td>
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</tr>
<tr>
<td>‘Branding’ and Strategic Opps.</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>√</td>
<td></td>
</tr>
<tr>
<td>Admin. and Op. Efficiencies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>√</td>
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<td></td>
<td></td>
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<tr>
<td>Financial Viability</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>√</td>
<td></td>
</tr>
<tr>
<td>Growth and Opportunities</td>
<td></td>
<td></td>
<td>√</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>√</td>
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<tr>
<td>Interdisciplinary Activities</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Single-Discipline Prof. Fac.</td>
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<td></td>
<td>√</td>
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<tr>
<td>Acceptability</td>
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<td></td>
</tr>
</tbody>
</table>

Which raises the question: what is needed with respect to level of faculty support for a Department change in location to occur? The Commission’s attention in this regard has been drawn to the University’s policy with respect to Benefactor Naming. In the policy it is stated that when a benefactor naming is suggested, the Provost:

“... shall undertake to determine whether the tenure stream faculty in that unit support the naming. The term “support” shall not be construed so broadly as to require perfect consensus, nor so narrowly as to consist of a bare majority of the tenure-stream faculty.”

There are, of course, differences between the ‘benefactor naming’ and the ‘Department change in location’ cases. More than one Department is usually involved in a Faculty formation, and a low level of support in one should not automatically negate a change which appears eminently appropriate to the others.

29 The scenarios are simply labeled for ease of recall by the idea which kick-started the particular simulation.
30 Stuart C. Academic Restructuring: The Perspective of the School of C & YC, Oct 26, provides an interesting match of C&YC with this set of attributes/considerations.
Existing Faculty Structure

Arts
- Criminal Justice
- Economics
- English
- French/Spanish
- Geographic Analysis
- History
- Philosophy
- Politics
- Psychology
- Sociology
- FCS
- Child and Youth Care
- Disability Studies
- Early Childhood Ed
- Health Services Mgmt.
- Midwifery
- Nursing
- Nutrition
- Occ. and Public Health
- Social Work
- Urban and Reg. Planning

FEAS
- Aerospace Engineering
- Architectural Science
- Chemical Engineering
- Chemistry and Biology
- Civil Engineering
- Computer Science
- Electrical Engineering
- Mathematics
- Physics
- TRSM
- Accounting
- Entrepreneurship
- Finance
- Global Mgmt
- Hosp and Tourism Mgmt.
- Human Resources
- Information Tech. Mgmt.
- Law (Business)
- Marketing
- Retail Mgmt.
- FC&D
- Fashion
- Graphic Comm. Mgmt.
- Image Arts
- Interior Design
- Journalism
- Professional Comm
- Radio and Television
- Theatre

Scenario 2: Arts & Science
- Arts & Science
- Criminal Justice
- Economics
- English
- French/Spanish
- Geographic Analysis
- History
- Philosophy
- Politics
- Psychology
- Sociology
- Engineering
- Architecture
- Civil Engineering
- Electrical Engineering
- Mechatronics
- TRSM
- Accounting
- Entrepreneurship
- Finance
- Global Mgmt
- Hosp and Tourism Mgmt.
- Human Resources
- Information Tech. Mgmt.
- Law (Business)
- Marketing
- Retail Mgmt.
- FC&D
- Fashion
- Graphic Comm. Mgmt.
- Image Arts
- Interior Design
- Journalism
- Professional Comm
- Radio and Television
- Theatre

Scenario 3: Science
- Science
- Computer Science
- Mathematics
- Physics
- Criminal Justice
- Economics
- English
- French/Spanish
- Geographic Analysis
- History
- Philosophy
- Psychology
- Sociology
- Arts
- Aerospace Engineering
- Chemical Engineering
- Civil Engineering
- Electrical Engineering
- Mechatronics
- TRSM
- Accounting
- Entrepreneurship
- Finance
- Global Mgmt
- Hosp and Tourism Mgmt.
- Human Resources
- Information Tech. Mgmt.
- Law (Business)
- Marketing
- Retail Mgmt.
- FC&D
- Fashion
- Graphic Comm. Mgmt.
- Image Arts
- Interior Design
- Journalism
- Professional Comm
- Radio and Television
- Theatre

Scenario 4: City Builder
- BPE
- Architecture
- Civil Engineering
- Electrical Engineering
- Mechanical Engineering
- Urban and Reg. Planning
- Health Services Mgmt.
- Midwifery
- Nursing
- Nutrition
- Social Work
- Urban and Reg. Planning

Scenario 5: Health & Behavioral Science
- Psychology
- Health Services Mgmt.
- Midwifery
- Nursing
- Nutrition
- Social Work
- Urban and Reg. Planning

Scenario 6: Single Disc.
- Nursing
- Health Services Mgmt.
- Midwifery
- Nursing
- Nutrition
- Social Work
- Urban and Reg. Planning

Scenario 7: Design/M&C
- Architectural Science
- Interior Design
- Fashion
- Graphic Comm. Mgmt.
- Media & Communication
- Journalism
- Professional Comm
- Retail Mgmt.
- Nutrition
- Social Work
- Urban and Reg. Planning

Scenario 8: Professional Social Science
- Social Work
- Urban and Reg. Planning
- Midwifery
- Nursing
- Nutrition
- Social Work
- Urban and Reg. Planning

Appendix A
<table>
<thead>
<tr>
<th>Faculty</th>
<th>Department</th>
<th>Certificate / Degree Completion</th>
<th>Undergraduate Program</th>
<th>Graduate Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of Psychology</td>
<td>Criminal Justice and Criminology Department</td>
<td>Criminal Justice and Criminology</td>
<td>Criminal Justice</td>
<td></td>
</tr>
<tr>
<td>Economics Department</td>
<td>Economics</td>
<td>Economics</td>
<td>International Economics &amp; Finance (MA/PhD)</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>Quantitative Methods</td>
<td>Applied Digital Geography and GIS</td>
<td>Geographic Analysis</td>
<td>Spatial Analysis (MA)</td>
</tr>
<tr>
<td>Department of English</td>
<td>English</td>
<td>English as a Second/Additional Language</td>
<td>Literatures of Modernity (MA)</td>
<td></td>
</tr>
<tr>
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