



Major Modifications Proposal

School of Health Policy & Management
Faculty of Health

1. Faculty: Health
 2. Department: School of Health Policy & Management
 3. Program: Bachelor of Health Studies
 4. Degree Designation: Health Policy, Management & Digital Health
 5. Type of Modification: This is a proposal involving the following major modifications:
 - Merger of three Specialized Honours into one consolidated Specialized Honours degree (11.1)
 - New names for the consolidated Specialized Honours degree and Informatics Certificate (11.2)
 - Closure of existing Specialized Honours BHS programs (11.3)
 - Change Minor to Health Policy, Management & Digital Health (11.4)
 - Changes to prerequisites for HLST 2030 3.00 (11.5)
 - **No changes** to program learning outcomes
 - **No significant** changes to program requirements
 6. Location: Keele Campus
 7. Effective Date: Fall 2023/2024
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Major Modifications – Omnibus Proposal

School of Health Policy & Management

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Proposal Details

8. General description of the proposed changes to the programs

The School of Health Policy and Management (SHPM) currently offers four Honours Bachelor of Health Studies (BHS) degrees – three Specialized Honours, one in Health Management, one in Health Policy, and one in Health Informatics introduced at Program inception in 2001, and one General Honours introduced in 2008. We also offer a 90 credit BHS and are not proposing any changes to the 90-credit degree. **We are proposing to merge our three existing Specialized BHS Honours degrees into one consolidated Specialized Honours degree that covers Health Policy, Management & Informatics and to create a new name for this consolidated Specialized Honours degree – a BHS in Health Policy, Management & Digital Health¹.** As the proposed modifications are primarily a merger of existing Specializations, no changes are anticipated to the program learning outcomes. An NOI proposing one consolidated Specialized Honours was passed by the SHPM Council in June 2021 and submitted to and approved by the VPA's office on September 1st, 2021.

9. Rationale for the proposed changes

While our program learning outcomes remain the same, there are several factors that are driving the proposed changes:

- Our health system is more integrated and tightly coupled in 2021 than it was in 2001 when the SHPM was created with three separate Specialized Honours in Health Management, Health Policy and Health Informatics. A consolidated specialization more accurately reflects the interdependencies between policy, management, and informatics (digital health). Moreover, enrollment data since program inception also suggests 101 applicants are not ready to distinguish and choose between the three specializations
- A single consolidated Specialized Honours will allow greater flexibility in program delivery, reducing barriers to program progress for students and facilitating delivery of program requirements by our School given sabbaticals and other routine teaching leaves
- With the recent successful launch of the 9.0 credit SHPM practicum (HLST 4990 9.00), the School is now better positioned to attract high quality applicants to the BHS in a competitive market
- Enrollment and retention challenges in our General Honours have prompted us to focus on ways to boost enrollment in our Specialized Honours (with an eye to discontinuing the General Honours at some point in the future if we can successfully redirect General Honours students into the consolidated Specialized Honours). This redirection of General Honours students into the consolidated Specialized Honours is important for three reasons:
 - Expectations around double majors (only feasible for a General Honours and not a Specialized Honours) and conversion to Specialized BHS Honours, envisioned when the General Honours was introduced in 2008, have not materialized
 - Students in our General Honours BHS are required to take significantly fewer HLST courses (42 HLST credits + 60 elective credits) compared to Specialized Honours, which may not provide an optimal foundation in Health Studies to prepare students for entry into the field
 - Data suggests students enrolled in the General Honours BHS program have lower levels of engagement, connection to, and identification with the School, compared to students in a Specialized Honours BHS

¹ The rationale for changing the term ‘informatics’ to ‘digital health’ is provided in section 11.2 of the proposal.

Here we provide more detail regarding the rationale for the proposed changes based on several data-driven activities undertaken to help inform the proposed program modifications.

- 9.1 For the past two years the SHPM Curriculum Committee has been working on how best to renew our BHS degree offerings. A set of principles were developed to help guide the curriculum renewal process (Table 9.1).

Table 9.1 – Guiding Principles for SHPM Curriculum Renewal

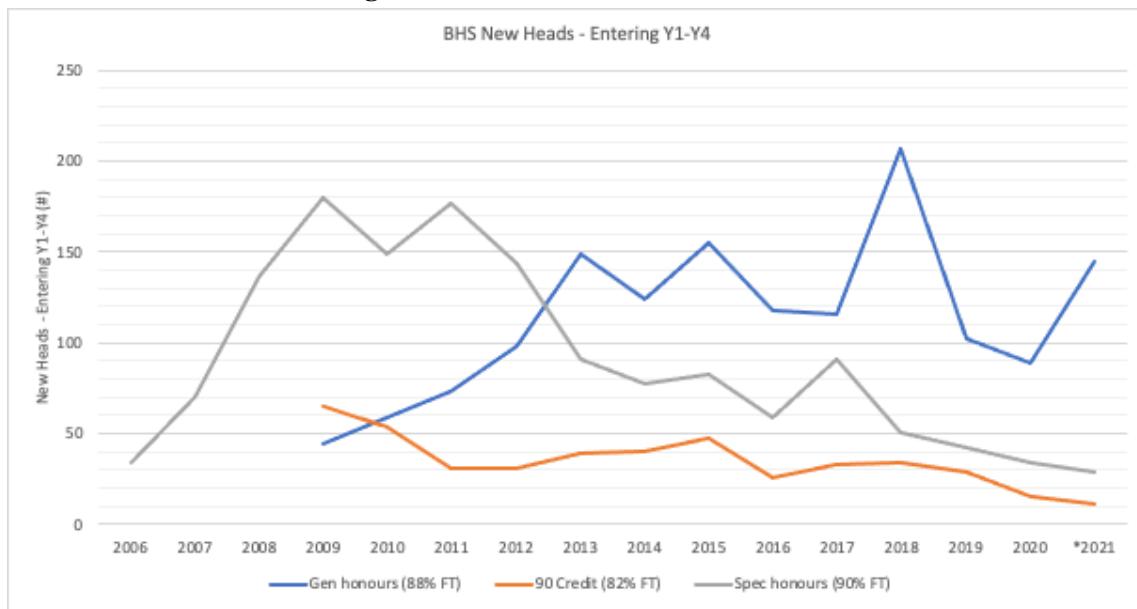
Balanced	allows for appropriate breadth of knowledge in core courses and in area of specialization
Rigorous	seeks intradisciplinary development faithful to the program learning outcomes
Coherent	makes explicit connections and links between different subjects and experiences
Vertically Integrated	focuses on progression by carefully sequencing knowledge and skills
Focused	ensures curriculum is manageable and addresses the most important knowledge or key concepts within the field
Relevant	connects to real world experiences and provides tangible knowledge and skills that are aligned with workforce demand and leading-edge trends in health policy, management and digital health; attractive to prospective students and employers
Personalized so as to enable choices	allows for students to customize their degree credits to meet career and academic goals
Flexible delivery	provides a selection of courses to meet degree requirements while also allowing flexibility for annual course planning in response to changes in teaching resource availability
Pedagogically Innovative & Promotes Excellence	demonstrates innovative approaches to pedagogy with a variety of course offering formats that support continuing development of faculty teaching excellence

- 9.2 **Students want *flexibility* when they first start university and a *personalized* experience that enables *choice*.** In 2019 a student survey was sent to students in SHPM courses asking them open-ended questions about why non-specialized honours students chose the General Honours degree. 2019 student survey data from 778 students (response rate 60%) indicated that 53% of students stated they preferred a broader focus on health rather than having to choose one specific specialization from among health management, policy or informatics. In addition, 22% of surveyed students indicated they chose the General Honours because they were unsure which specialization to choose. In reviewing the 2019 student survey results, the Student Association of Health Management, Policy and Informatics (SAHMPI) reported very low morale and low engagement of General Honours students given they are only required to take half of their courses from within our School. The consolidated Specialized Honours program will not require students to declare a specialization at the time of program application, will allow for flexible informal specialization, and will have sufficient intensity in HLST courses and an experiential practicum that can both attract and keep students engaged.

- 9.3 **Students show a preference for *balanced, focused, interdisciplinary* learning that includes *vertical integration* and *coherence* between all three areas (policy, management and digital health).** We reviewed 2006-2020 enrollment and convocation data which showed most of our 120-credit General Honours students had not transitioned to a specialized degree as hoped.

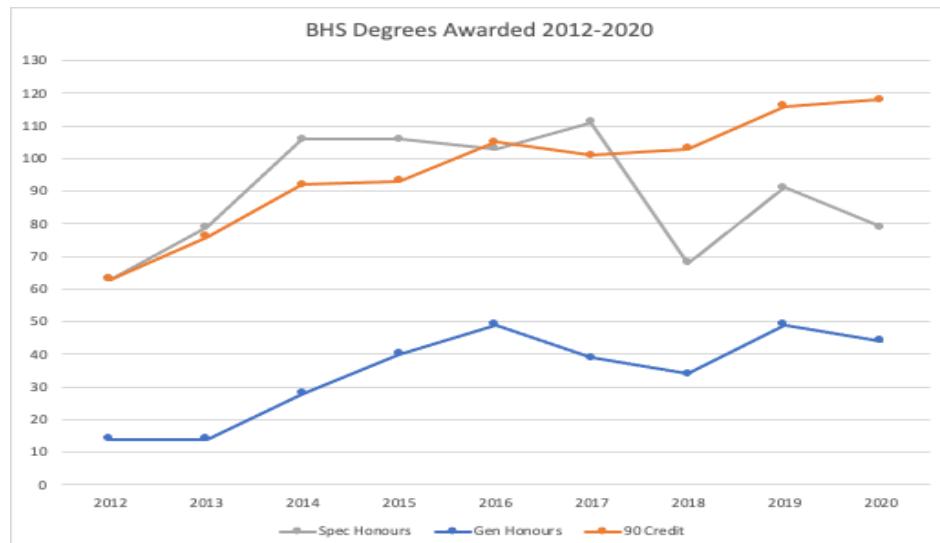
Instead, a large number of General Honours students appeared to have moved into and graduated from our 90-credit program. More specifically, analysis of SHPM Majors data and data contained in the Integrated Academic Program Report for students entering a BHS in 2012 through to students graduating in 2020 showed that 53% of General Honours students in their 4th year convoked by the end of the calendar year compared to 75% of our Specialized Honours students (this difference is not accounted for by differences in F-T and P-T status). Figures 1 & 2 highlight the difference in enrollment versus graduation trends in our General Honours compared to our Specialized Honours degrees. These figures highlight that while General Honours students are the largest group of ‘new heads’ since 2012 (average = 129, 2012-2020) they are the smallest group of degrees awarded (average = 43, 2016-2020). Similarly, while an average of 25 students (total heads) have been enrolled in a double Major or a Major-Minor in Health Studies since 2013, only 9 students graduated with these designations between 2013 and 2020 (data not shown, source: Integrated Academic Program Report).

Figure 1. SHPM 2006 – 2021 enrollment trends



* 2021 data are as of Oct. 15, 2021, Data source: FoH Integrated Academic Program Report and SHPM Majors Data

Figure 2. SHPM 2012 – 2020 graduation data



Data source: FoH Integrated Academic Program Report

Merging our three separate Specialized Honours BHS degrees into one consolidated Specialized Honours degree, which does not require students to declare specific area of focus, should help to divert enrollments from the General Honours into the Specialized Honours degree. Such a shift would strengthen student engagement with and connection to the program (as noted, our General Honours students presently take a large number of degree credits from outside the faculty) and increase retention and graduation rates. Additionally, since our much sought after 9.0 credit practicum is only available to Specialized Honours students in their 4th year of the program, the merge may help students meet eligibility requirements for enrollment into the practicum.

- 9.4 **Consolidating the degree allows our program to remain highly *relevant* compared with peer institutions, while also allowing SHPM to focus on *innovative pedagogy* that is responsive to the *needs of the field*.** We conducted an environmental scan of Ontario University Bachelor of Health Studies programs to ensure that our revisions are both in line, and competitive with, other Health Studies programs in the province (Appendix 1). The Scan highlighted that the consolidated Honours program is consistent with the market and that our program is novel in two ways: (1) the health equity focus that underlies our program in Health Policy, Management & Informatics; (2) coverage of all 3 areas (management, policy & informatics) while other programs tend to have more of a singular focus. The consolidated specialized Honours degree will meet the growing demand for Health Studies graduates who have an **inter-disciplinary understanding** of these three program areas and are therefore well versed in the growing interconnectedness and complexity that increasingly characterizes health systems.

We believe that our proposed changes will help **attract quality applicants** to the Specialized Honours BHS program in a competitive market.

10. Alignment between program changes and Faculty/University Academic Plan

The proposed program modifications seek to achieve two outcomes that are directly **aligned with York's 2020-2025 SMA:**

1. Our program consolidation is designed to increase program retention and graduation rates (e.g., by redirecting General Honours BHS students with the lowest retention rate into the newly consolidate Specialized Honours) by attracting better students and keeping them more engaged via taking more HLST courses.
2. A single Specialized Honours with higher enrollments will open our Practicum to a larger group of students thereby expanding experiential education skills and competencies – two metrics whose weights are increasing over the remainder of the current SMA.

The proposed modifications are **consistent with several of York's 2020-2025 UAP priorities**: our applied focus and our practicum promote “Working in Partnership”, “21st Century Learning”, and “Knowledge for the Future”. Our commitment to and focus on equity and social justice promotes “Living Well Together” and supports “From Access to Success”. Indeed, our School formed a BIPOC Advisory Committee in May 2021 to inform our operational practices, program development, and strategic directions.

UAP Priority “From Access to Success” – Our Commitment to Success for BIPOC & Other Students marginalized through systemic disadvantage. In reviewing the NOI for this Major Modifications proposal the BIPOC Advisory highlighted that students who are unable to maintain Honours progression are often BIPOC students with low socio-economic status. Students unable to maintain honours status are ineligible for the practicum, reinforcing the cycle of marginalization.

Importantly, they highlighted the need for mechanisms to assist students struggling to maintain the level of academic performance required for Honours progression. Consistent with the UAP priority “From Access to Success”, there are several recent and upcoming supports our School is putting in place to promote student success in the BHS. Some of these are designed to help any student struggling to succeed while others are focused towards BIPOC and other groups marginalized through systemic disadvantage. The following are initiatives that have just been implemented, or are still in the planning stages, with the focus on supporting student achievement and student retention:

1. ***Supporting first year transition within the curriculum.*** HLST 1010 3.00 and HLST 1011 3.00 have been redesigned as "Pedagogy that Aids Transition" courses using Alf Lizzio's model of the Five Senses of Student Success. These courses teach and support the skills that are key predictors of student success (teamwork, self-reflection, self-regulation, scaffolded learning, and connections to real world) by embedding them within the curriculum. Taking a curricular approach helps to address the access and resource barriers that students might face in attending extra-curricular and co-curricular supports offered by York.
2. ***Supporting student success in HLST 2300 6.00 Statistical Methods for Health Studies.*** We tracked student success in HLST 2300 6.00 from 2017 to 2021. Compared to our other required HLST courses at the 2000-level, HLST 2300 6.00 had a higher proportion of students dropping the course and failing the course (see table 10.1). In Fall 2021, 87 students, representing 37% of the incoming cohort, did not have 4U Math. In 2021-22 we introduced a new course, HLST 1111 3.00 (Mathematics for Health Studies), designed to teach foundational mathematical concepts and analytic techniques that are the precursors for university-level statistical analysis (and aligned with the 4U Math curriculum). Beginning in 2023-24, we will require 4U Math or HLST 1111 3.00 as a pre-requisite for HLST 2300 6.00 to support student success in this 6-credit course for both 101 and 105 students. SHPM has also collaborated with Stong and Calumet Colleges to make available PASS (Peer Assisted Study Sessions) and Peer Tutoring for all HLST 2300 6.00 students. Fall 2021 is the first year that this is being offered to our BHS students.

Table 10.1 – Drop and Fail Rates HLST2300 vs other 2000 level courses

	HLST 2300 6.00	HLST 2020 3.00	HLST 2030 3.00	HLST 2040 3.00
Drop Rate (Avg. 2017-2021)	27%	13%	13%	10%
Fail Rate (Avg. 2017-2021)	11%	6%	3%	3%

3. ***Early identification and intervention.*** SHPM is working with the AD Students to develop an early identification and intervention process where students who are demonstrating low levels of engagement in a course and/or low grades in their first assessment of the semester are identified and contacted early so they can be connected to supports within the university.
4. ***Commitment to Mentorship.*** We are committed to putting concrete mechanisms in place to mentor BIPOC students and students marginalized through poverty, housing insecurity, disability, etc. Given the small number of diverse faculty mentors available, we could seek diverse co-mentors from within the community through formal partnerships and other arrangements (an approach suggested by the Working Group on Systemic and Individual Racism). While still in the planning stage, the School is committed to creating a successful mentorship program for BIPOC and other marginalized students.

For students who are unable to maintain the level of academic performance required for eligibility for our practicum (HLST 4990 9.00), there are two additional options available for practicum style Experiential Education (EE): (1) we will continue to offer our applied health sector project-based courses (HLST 4900 3.00 and HLST 4900 6.00) which provide students with an opportunity to bridge theory and practice through a term long team project conducted under the direction of the course director in collaboration with a community partner in a local healthcare or health-related organization, (2) students can also enroll in the Cross-campus capstone classroom (C4) course which provides a similar but interdisciplinary team-based applied project opportunity (<https://www.yorku.ca/c4/what-is-c4/>).

In keeping with the **FoH's Health@2020 academic plan** and strategic direction for Promoting a High-Quality Learning Experience, as well as its Integrated Resource Plan 2020-2021, the SHPM seeks to enhance students' exploration of health from interdisciplinary perspectives to provide students with a comprehensive understanding of current health care challenges. With the School's mission in mind, our proposed 120-credits consolidated Specialized Honours degree will allow students to gain the breadth and depth needed to tackle some of the biggest challenges facing our health and health care system. We believe that having students exposed to three innovative and related areas – Health Policy, Health Management, and Digital Health – as part of one cohesive consolidated program will provide a unique approach to health systems education during their degree. The consolidated program will emphasize the social, political and economic organization of society as it impacts health outcomes and health care, the diverse social and health care needs of Canadians, the role of communities, and equity and social justice as integral considerations in the development of effective health care models and systems. The proposed modifications continue to incorporate the core concepts of creating positive change in our communities and the world around us through teaching and research excellence to keep more people healthier, longer.

The proposed modifications focus on program consolidation and there are therefore no changes to the intellectual boundaries of the BHS. Accordingly, there should be no concern regarding duplication of existing programs at York. There are no professional certification or licensure requirements for our Program.

11. Detailed outline of program changes

11.1. Merge three existing Specialized Honours BHS degrees into one

The proposed consolidation will continue to allow our students exposure to a wide-ranging suite of health policy, health management, and digital health courses. Health Policy provides a strong interdisciplinary theoretical foundation drawing from political science, political economy, law, sociology, gender studies, and ethics to critically assess social, cultural and health systems and contribute to policy research, development and implementation at all levels of society and within health systems. Health Management provides a systems approach to understanding the organization and delivery of healthcare as well as how to approach problem solving and decision making to improve quality, safety, effectiveness, and equity in health systems. Health Informatics (now Digital Health) provides a theory and application-based education in information management, digital health solutions, interoperable health information systems, and current debates in health informatics/digital health to support leading edge health systems.

Table 11.1a provides an overview of the program changes including course requirements for each of four existing Honours degrees as well as requirements for the consolidated Specialized Honours degree we are proposing. Data in table 11.1a highlight the following:

- There is no change to the core courses that all Honours BHS students must take. The same 42 major credits (core courses) currently required for our General Honours BHS students will continue to be required to develop competency in:
 - Foundations of Health Studies (HLST 1010; 1011)
 - Social Determinants of Health (HLST 2010)
 - Health Policy (HLST 2020; 3120)
 - Health Management and Integration of Health Systems (HLST 2030; 3230)
 - Health Informatics/Digital Health (HLST 2040; 3341)
 - Health Care Ethics (HLST 4010)
 - Applied Research Methods in Health Studies (HLST 2300(6.0); 4200(6.0))
- In addition to the core 42 credits, specialized knowledge in health policy, management, and/or digital health will be obtained through 30 upper-level credit requirements for all BHS Specialized Honours students.
- There is increased flexibility and opportunity for students to fulfill their 30 upper-level credit requirements with any mix of health policy, management, and digital health courses that match their interests. As table 11.1a shows,
 - current Specialized Honours students are restricted in that they must take most of their additional specialized HLST credits from within their specialization (Management, Policy or Informatics), with little opportunity to explore the other areas.
- The increased flexibility that is a central feature of the proposed consolidation of the three Specialized Honours degrees will also remove barriers to degree progress for students and will provide added flexibility for course planning, while retaining a diverse set of course offerings.

Table 11.1a – Existing vs Consolidated Degree Requirements

	EXISTING HONOURS DEGREES				CONSOLIDATED DEGREE
Degree Requirements	BHS General Honours ⁸	BHS Specialized Honours (Health Policy)	BHS Specialized Honours (Health Management)	BHS Specialized Honours (Health Informatics)	BHS Specialized Honours in Health Policy, Management & Digital Health
Gen Ed Credits	18	18	18	18	18
Major Credits Core	42 ¹	42 ²	42 ²	42 ²	42 ¹
Additional Specialized credits	0	24 ³	27 ⁴	24 ⁵	30 ⁶
Elective Credits	60	36	36	33	30 ⁷

¹ The same 42 core requirements from our existing Gen Hon BHS degree are being retained in the consolidated degree: HLST 1010 3.00, HLST 1011 3.00, HLST 2010 3.00, HLST 2020 3.00, HLST 2030 3.00, HLST 2040 3.00, HLST 2300 6.00, HLST 3120 3.00, HLST 3230 3.00, HLST 3341 3.00, HLST 4010 3.00, HLST 4200 6.00

² Three courses will no longer be required but students will be encouraged to consider them as electives: HLST 4000 3.00, ECON 1000 3.00, ECON 3510 3.00

³ Health Policy courses: HLST 3015 3.00 or 3540 3.00, HLST 3060 3.00 or 3230 3.00, HLST 3110 3.00, HLST 3120 3.00, HLST 4110 3.00 and “one of” options

⁴ Health Management courses: HLST 3230 3.00, HLST 3400 3.00, HLST 3260 3.00, HLST 3265 3.00, HLST 4210 3.00, HLST 4250 3.00, HLST 4330 3.00, and “one of” option

- ⁵ Health Informatics courses: HLST 3110 3.00, HLST 3230 3.00, HLST 3341 3.00, HLST 4310 3.00, HLST 4320 3.00, HLST 4330 3.00, and “one of” option
- ⁶ 15.0 credits at each of the 3000 and 4000 levels from any of the courses listed in notes 3-5 above which are now part of ‘HLST’ major electives. Complete course lists with short course descriptions can be found in Appendix 2
- ⁷ Students must take a minimum of 18.0 elective credits outside the major to ensure they have sufficient breadth in their undergraduate education
- ⁸ The General Honours will continue to be offered until some point in the future when we have demonstrated that we can successfully redirect General Honours students into the consolidated Specialized Honours

Program Learning Outcomes. There are no changes to the program learning outcomes (PLOs) – the PLOs for our existing Specialized Honours degrees were revised in 2020 as part of our Undergraduate Cyclical Program Review and will be retained in the consolidated Specialized Honours. The eight Program Learning Outcomes (PLOs) are:

1. Systematically select, interpret and synthesize available information in a clear and succinct manner verbally and in writing using proper sentence structure and citation formats.
2. Critically appraise evidence, perspectives and the assumptions and limitations to various methodological, theoretical and disciplinary approaches in health studies.
3. Work collaboratively in teams to analyze issues, perspectives and solve problems in health policy, management and digital health.
4. Act responsibly and with integrity as expected of professionals in a career that recognizes the social determinants of health and advances health equity.
5. Plan and carry out quantitative and qualitative analyses using an interdisciplinary perspective that considers tensions between evidence and values.
6. Describe and apply health policy concepts to inform decision making at a micro, meso and macro level.
7. Describe and apply health management concepts to assess and improve health system performance.
8. Describe and apply digital health concepts to design and evaluate health information systems and technology solutions.

Our program learning outcomes PLOs (listed above) align with undergraduate degree level expectations (also known as UDLES)² (see Table 11.1b). For a map of how the program’s eight learning outcomes map to the Undergraduate Degree course requirements, see Appendix 3.

Table 11.1b – PLOs alignment with undergraduate degree level expectations

Degree Level Expectations	Aligned PLOs
Depth & breadth of knowledge	1, 4, 5
Knowledge of methodologies	2, 5
Application of knowledge	1, 3, 6, 7, 8
Communication skills	1, 3
Awareness of limits of knowledge	1
Autonomy & professional capacity	3, 4

²OCAV’s Undergraduate Degree Level Expectations: <https://oucqa.ca/framework/appendix-1/>

11.2. Change names of (i) Specialized Honours Degree and (ii) Health Informatics Certificate

The proposed major modifications require that a new name be given to the consolidated Specialized Honours degree. A detailed process was undertaken over the last two years to help inform our decision regarding the most suitable degree name. The process included development of guiding principles for naming and collection of data from a range of stakeholder (students, faculty, FOH Enrollment management team, and practicum organizations). The most pertinent guiding principle was that the **Degree name must reflect what is offered in the degree** (broad spectrum of areas: Policy – including equity and social justice, Management, Informatics/digital health) and must **balance fidelity to our program's history while emphasizing transformation**.

Based on the process undertaken to determine the consolidated degree name, the proposed consolidated Specialized Honours degree will be a **BHS in Health Policy, Management & Digital Health**. The rationale for changing the term ‘Informatics’ to ‘Digital Health’ in the degree name is as follows, and also supports changing the name of the Health Informatics Certificate to **Certificate in Digital Health**

Rationale for changing the term ‘Informatics’ to ‘Digital Health’.

1. The term Health Informatics was built around the electronic health record, however, the advancement of technology, Apps, social media, machine learning, and other technologies has expanded the domain beyond the hospital and beyond the patient-doctor encounter – that expansion is reflected in the term ‘digital health’. The term ‘Digital Health’ does not eliminate or take away from health informatics, rather it enlarges the field and can be thought of as a wider umbrella term.
2. The term ‘Digital Health’ reflects our current offerings with four new or revamped courses in this area approved in the last few years.
3. It is important that our degree name is current, reflecting recent trends in the field. In 2017 COACH (Canada’s Health Informatics Association) changed its name to Digital Health Canada; Canada Health Infoway now describes their focus as being about ‘healthier Canadians through innovative digital health solutions’; newer degrees in this area are using the term ‘digital health’.
4. Digital health is felt to be more meaningful and attractive to prospective students.

A detailed report regarding the process undertaken to identify the most suitable name as well as the stakeholder data is included in Appendix 4.

11.3. Closure of existing Specialized Honours BHS programs

Given this Major Modifications Proposal proposes to merge our three existing BHS Specialized Honours degrees into one consolidated Specialized Honours degree that covers Health Policy, Management & Digital Health, we have included a single program Closure form for the three current degrees. The form can be found in Appendix 5.

11.4. Change Minor to Health Policy, Management & Digital Health

With the consolidation of the three Specialized Honours, we will now offer a Minor in Health Policy, Management & Digital Health instead of separate Minors in each of these areas. As per the requirements for Minors, the minor is 30 credits with 6 credits at the 4000 level. These 30 credits

mirror the core HLST requirements for the Specialized Honours, (excluding the 12 credits in statistics and applied research methods). Specific requirements can be seen in Appendix 9 (side-by-side Calendar copy).

11.5. Changes to prerequisites for HLST 2030 3.00

We are proposing the removal of ADMS 1000 as a prerequisite for HLST 2030 3.00 (Changes to Existing Course form can be found in Appendix 6). The school requested a change in the prerequisites of HH/HLST 2030 3.00 in 2018-2019 (adding an additional prerequisite of AP/ADMS 1000 3.00) and this request was granted and came into effect 2019-2020. Unfortunately, AP/ADMS 1000 3.00 is only a degree requirement for our management stream students and not a requirement for policy, informatics, or general honours students. Having a course - that is not a degree requirement - as a prerequisite for a course that is a degree requirement is causing student confusion and we have had demands for tuition refund. We have included the following disclaimer in the course notes as a workaround:

THE PRE-REQUISITE OF ADMS 1000 3.0 IS NOT ENFORCED. If you are blocked from enrolling, seek permission from the School of Health Policy & Management by completing a request form at <https://shpm.info.yorku.ca/courses/course-waiting-list/>. Note that ADMS 1000 3.0 is a degree requirement for 120-credit honours BHS degree with specialization in Health Management. We encourage you to refer to your Degree Progress Report for the requirements that are needed for you to graduate: <https://myacademicrecord.students.yorku.ca/degree-progress-report>

We are requesting to remove the AP/ADMS 1000 3.00 as a prerequisite for HLST 2030. We will ensure that we cover the relevant AP/ADMS 1000 material early on in HLST 2030. There are no changes to the learning outcomes. Importantly, this change is required as we will be closing the BHS Honours Specialization in Health Management (see 11.3) above with the launch of the proposed consolidated degree.

12. Consultation undertaken with relevant academic units

We consulted with three units with connections to our courses advising them of any anticipated impact to their programs (support letters can be found in Appendix 7). We discussed our proposed major modifications with the Schools of Global Health (Faculty of Health), Administrative Studies (LA&PS), and the Department of Mathematics and Statistics (Faculty of Science) – highlighting that our proposed changes will not impact the courses where we reserve seats for these Schools' students. We received support letters from the Directors/Chairs of these three Schools stating they are pleased that our courses (or approved substitutions) will continue to be offered with seats reserved for their students.

In terms of programs internal to York, our proposed consolidated Specialized Honours degree that covers Health Policy, Management & Digital Health programs will continue to be unique to York and the intellectual “boundaries” of our Bachelor of Health Studies degree are not changing. As such, we engaged in limited consultation outside our School. That said, we have consulted to the extent that the field and related fields are changing. For instance, in consultation with the Department of Math and Statistics we have identified opportunities for connection between our program and their proposed new major in Data Science (Data Science majors will need to identify a

domain emphasis and Health is one such domain). The new Data Science major with a domain emphasis in Health presents a couple of opportunities for our School including: (1) it provides a pathway to our new graduate field/program in Health Management & Health Data Analytics and (2) it provides a chance to enroll a cohort of Data Science students in 5-9 of our undergraduate Health Studies courses to meet their domain emphasis course requirements (bringing appropriate revenue into the Faculty of Health).

In terms of programs external to York, an educational development specialist in the Faculty of Health (Y. Delaviz) provided a scan of existing programs (Appendix 1). Results indicate that a consolidated Specialized Honours that covers Health Policy, Management, & Digital Health does not exist. While there are programs that focus on one of these three areas while peripherally touching on one of the other areas, we found no programs that focus on all three subject areas, nor did we find programs with the range of expertise housed within our School that spans all three subject areas along with health equity.

As noted, we also consulted with our School's BIPOC Advisory committee – a committee that was established in May 2021 to advise the school on how new School initiatives may impact BIPOC students, faculty and staff (see Section 10 of this proposal).

13. Changes to any admission requirements

Program Admission requirements will remain the same as admission requirements in place for the three Specialized Honours BHS programs we currently offer.

14. Resource implications

Our proposed changes will permit the delivery of our core and elective courses within equivalent YUFA and CUPE resources we have utilized over the last several years. Added flexibility with course planning/offerings in any given year that the proposed consolidated program will provide may, in some academic years, actually reduce our reliance on CUPE instructors.

By consolidating our three Specialized Honours degrees into one Specialized Honours, it is our expectation (for reasons described above) that some students who presently enroll in the BHS General Honours (with 60 credits of electives) will, in future, enrol in the consolidated Specialized Honours. These students will be required to enrol in more courses within the HLST major than they do presently. However, based on our analysis and forecasting (Appendix 8) we have determined that **we will not be required to offer more sections than the range of what we have offered in the past several years because additional demand for 4000 level courses will be offset by our ability to better maximize capacity within our 4th year courses.** At present we are unable to fill all of our 4th year courses as there are many that must be offered annually to facilitate degree progression for three separate Specialized Honours BHS degrees. Since 2018 we have also been consistently enforcing prerequisites which has stabilized course demand and facilitated degree progression – a situation which should also better enable us to maximize capacity in our 4th year courses.

A single Specialized Honours will open our new Practicum to a significantly larger group of students thereby expanding experiential education (EE) opportunities, skills, and competencies. We presently

enroll approximately 25 students per year in our practicum with 0.33 FTE EE coordinator. This number has been steadily increasing over the last 4 years (see Appendix 8, 3.2). To achieve a target of enrolling 75 students annually in the practicum we are requesting additional support from the Faculty of Health's Experiential Education Coordinator. This small resource request will be more than offset by additional revenue the proposed modifications are likely to bring into the Faculty. More specifically, should we achieve higher levels of enrollment in the practicum it will mean we have been successful in converting some of our General Honours students to Specialized Honours thereby bringing additional revenue to the faculty via the 30 additional HLST major elective credits they will be required to take as Specialized Honours students. As noted above, this conversion to our more HLST intensive Specialized Honours will not require us to offer more sections than what we currently offer because the consolidated Specialized Honours will enable us to better maximize capacity within our 4th year courses. As Appendix 8 shows, there is currently underutilized space in our 4th year courses (based on data from the last 4 years, the average # of HLST students enrolled in our 4th year courses has been 34.2).

The EE coordinator plays a critical role in developing partnerships and securing placements, as well as recruiting and preparing students before embarking on the Practicum. We anticipate that the EE Coordinator would also be able to assist all SHPM faculty members as they integrate additional EE components into their courses. **We believe the BHS Practicum is novel and is the single biggest attraction for 101 applicants to a Specialized Honours BHS degree.** Attracting large numbers of high caliber students will be contingent upon our ability to grow the practicum and the Practicum Coordinator has demonstrated success in this area.

15. Mode(s) of delivery

Traditionally, the mode of delivery for our courses involves a balance of in-person and blended courses. Generally, courses offered in first and second year of the degree are delivered in-person, and as students enter 3rd and 4th year, they can take blended courses alongside in-person offerings. Our SHPM Curriculum Committee is exploring how we might optimize the availability of blended courses and online courses in our degree in future, using the [Faculty of Health Guiding Principles for Post-Pandemic Course Planning](#), however at present there are no planned changes to modes of course delivery for our program.

While the COVID-19 pandemic has revealed the need for us to consider which aspects of our program might be delivered in a blended or online format, it has also highlighted the importance of face-to-face interactions among students and faculty for learning and growth and for promoting higher levels of program engagement.

16. Changes to assessment of teaching and learning

The assessment of teaching and learning will remain the same. Just as there are no changes to our Program Learning Outcomes, there are no changes to Course Learning Outcomes in the consolidated degree. Course Directors will continue to follow best practices for assessment.

17. Accommodation of current students during program changes

Newly Admitted Students. All students entering the Specialized Honours BHS program in the fall of 2023 and thereafter, will complete the consolidated program requirements.

Current Students. Students currently enrolled in the program will be grandfathered and given the option of completing the old program or the consolidated program requirements. We anticipate that some students will choose to apply for a program change due to the added flexibility of the degree requirements in the consolidated program. Current students opting to complete one of the old programs can be easily accommodated in the following ways. First, we do not intend to retire any of our current course offerings with these proposed changes. Second, all core courses (42 credits) required for our General and Specialized Honours degrees will continue to be offered at the same frequency as they are required for the proposed consolidated degree. This will ensure that students currently enrolled in the General Honours degree will not experience issues with degree progress. We anticipate that students in the three Specialization programs prior to Fall 2023 will have the same access to their specialization requirements; however, in cases where a required course is not offered, the UPD will offer a selection of approved substitutions for the Specialization so that degree progress is not impacted.

The Undergraduate Program Office will initiate a process of informing current students of the revised program requirements and their options for completing the degree. We will push information out through targeted email messages to the student listserv to inform students of the changes as well as offer workshops and information sessions for students. We will provide information sessions to advisors so that they are fully informed of the consolidated program requirements and the options available to students.

Finally, while we are not planning to discontinue any courses at this time, we are proposing a seven-year sunset window for the old programs such that current students who entered the program up to and including 2022-2023 will be entitled to complete the old requirements until the end of academic year 2029-2030. The School will work with students on a case by case basis using course substitutions to accommodate any students remaining beyond that date.

Faculty / Program Transfers. Students who transfer into the Specialized Honours BHS program from other Faculties or other degree programs from FW2023-2024 onwards will be required to follow the consolidated program requirements.

Reactivations. All students who have been away from their studies and reactivate their studies in a Specialized Honours BHS program as of FW2023-2024 and onwards will be required to follow the consolidated program requirements.

18. Appendices

Appendices - BHS Major Modifications

- Appendix 1. Environmental Scan
- Appendix 2. Course List
- Appendix 3. PLOs & Curriculum Map
- Appendix 4. Degree Naming Report
- Appendix 5. Program Closure Form
- Appendix 6. Changes to existing course form HLST 2030 3.00
- Appendix 7. Support Letters
- Appendix 8. BHS 4th year Modelling
- Appendix 9. Side-by-side comparison of existing and proposed program requirements

Appendix 1. Environmental scan to Bachelor of Health Studies in Canada and United Sates.

Note: this is not an exhaustive list for the USA.

Degree Program and Institution	Program Information
Bachelor of Health Studies (BHSt), University of Manitoba , Canada	<p>"The BHSt program focuses on the social science aspects of health and disease, and integrates social science and fundamental science concepts"</p> <p>University of Manitoba offers another degree BHSc (Bachelor of Health Sciences). They differentiate between the two degrees by adding a t to BHSt to signify Bachelor of Health Studies and c to BHSc to signify Bachelor of Health Sciences.</p>
Honours Bachelor of Science (BSc) Health Studies, University of Waterloo , Canada	<p>Students in the Health Studies major have the option to add a minor (grouping of 8-10 courses), option (6 – 8 courses, including a Health Informatics Option), and/or specialization. The program offers 5 areas of specialization including one in Health Informatics. The program also offers a co-op option. About half of their courses are focused on Health. In their first year students complete three science courses with laboratory components (Intro to Cell Biology; Chemical Reactions, Equilibria and Kinetics; Physical and Chemical Properties of Matter).</p>
Honours Bachelor of Arts (BA) Health Studies: Health Policy (Co-op, Major), University of Toronto , Canada	<p>The major in Health Policy provides students with a comprehensive understanding of health, SDH, and the consequence of health care systems, public health policies, and governmental and civil society to on-going societal issues related to health and well-being.</p> <p>A co-op option is available: the major (co-op) includes two paid 4-month work terms in the public, private, and/or non-profit sector.</p>
Honours Bachelor of Arts (BA) with Major/Medal/Minor in Health Studies, Queen's University , Canada	<p>The program uses a social science perspective of health and wellness to explore SDH, approaches to health promotion, health policy, health behavior change, epidemiology, and program planning and evaluation. The program has an Honours thesis option.</p>
Honours Bachelor of Arts (BA) in Health and Society, McMaster University	<p>Social science-based and HUMANITIES program that addresses increasing inequalities, increasing costs, changing social and ethical issues, emerging health problems (like mental illness and addiction), health policy challenges, etc. Field experience option.</p>
Bachelor of Health Administration (BHA), Ryerson University , Canada	<p>**Note: this program has a 2nd entry acceptance model, students must have completed at least two years of post-secondary education in a related health field. Program has a management focus on program planning and evaluation, communication, strategy, human resources and financial management. Practicum seminars and a research project are included.</p>

Bachelor of Applied Health Information Science (Honours), Conestoga College , Canada	A co-op program with focus on Health Informatics as one of the key areas. Graduates of the program will be equipped with the skills to create solutions by applying concepts from health informatics, health information management, computer programming, etc.
Honours Bachelor of Healthcare Management, Seneca College , Canada	Canadian College of Health leaders LEADS Framework is used to design the program. A cross-disciplinary degree in business and health studies. The program learning outcomes (pg 49) focus primarily on health management areas (leadership, finance, labour relations, strategic planning) but touches on social and political issues affecting healthcare.
Bachelor of Health Administration, Athabasca University , Canada	This is a 90-credit degree. Originally designed for and with First Nations communities, and subsequently reformulated but still has a strong Indigenous focus. The program focuses on business administration, management, organizational, and health systems, and cultural knowledge. It also includes course in health law and risk management, health policy analysis, etc.
Honours Bachelor of Medical Sciences (BMSc) degree, Western University , Canada	Students could, in the past, complete an Honours Specialization in Medical Health Informatics. However, the website indicates that admission to this module is discontinued effective Sept 1, 2021. The BMSc is a science based degree.
BA and BA Honours: Sociology with Specialization in Health Studies, Trent University , Canada	Sociology Major with specialization in Health studies specialization to focus on healthcare systems, SDH, Indigenous health, income security, and the intersections of gender and health.
Bachelor of Science (BSc), Health Information Science, University of Victoria , Canada	Co-op program provides focus/expertise in both healthcare and information technology. Mostly health IT and data focus with a science component.
Bachelor of Health Science, University of Ontario Institute of Technology , Canada	The program offers Human Health Sci and a Public Health Specialization, where students will learn about determinants of health and illness, health status of population, inequalities of health, and strategies for health promotion.
Programs in United States	
Bachelor of Science (B.S) in Health Studies, University of Rhode Island , United States	
Bachelor of Science (B.S), Health Studies, Purdue University Northwest , United States	
Bachelor of Science (B.S), Health Studies, Arkansas State University , United States	
Bachelor of Science (B.S), Health Studies, Bridgewater State University , United States	
Bachelor of Art (BA), Health Studies, Siena College , United States The program includes three tracks: Health Administration, Health Policy, and Health Science	
Bachelor of Science (B.S), Health Studies (Emphasis in Health Informatics and Information Management), Boise State , United States	
Bachelor of Science (B.S), Health Studies, Bentley University , United States	
Bachelor of Art (BA), Global Health Studies, Mercer University , United States	
Bachelor of Science (B.S), Healthcare Studies, Husson University , United States	
Bachelor of Science (B.S), Health Studies, William Paterson University of New Jersey, USA	
Bachelor of Science (B.S) in Health Care Management & Policy, Georgetown University , USA There are two tracks: health management or health policy analysis. Students complete an internship.	
Bachelor of Science (B.S), Honours Health Sciences, major in Health Studies, University of North Dakota , USA	

Specialization options: Health Administration, Health Data & Informatics, Health Management, Health Promotion, Health & Law.	
Bachelor of Arts (BA) or Bachelor of Science (BS) in Public Health Studies: Health Services Administration, Portland State University , USA	
Bachelor of Science (Bs) in Health Informatics and Health Information Management, University of Washington , USA	
Bachelor of Science (B.S) in Informatics (Healthcare Informatics), Liberty University , United States Online program (120 credits, 8 semesters, 3.5 years)	
Bachelor of Science (B.S) Health Information Management, Texas State University , United States	
Bachelor of Science (B.S), Informatics – Health Systems Administration, Indiana University Bloomington, United States	
Bachelor of Science (B.S), Health Information Management, American Public University, United States (Online)	
Bachelor of Science (B.S), Health Information Management, Franklin University, United States	
Bachelor of Science (B.S), Health Administration, Montana State University Billings, United States	
Bachelor of Science (B.S), Population Health Management, United States	
Critical Health Studies, Arizona State University , USA	

Colleges

College	Program
Mohawk College	Digital Health Bachelors Degree (Honours)
Conestoga	Bachelor Of Applied Health Information Sciences (Honours) Bachelor of Environmental Public Health (Honours)
George Brown College	Honours Bachelor of Business Administration (Health Management)
Humber	Honours Bachelor of Commerce (Healthcare Management)
Seneca College	Honours Bachelor of Healthcare Management
Durham College	Honours Bachelor of Health Care Technology Management
ALGO	Bachelor of Technology (Digital Health) (Honours) – Co-op
Seneca College	Honours Bachelor of Data Science and Analytics Honours Bachelor of Technology (Informatics and Security)
Georgian	Honours Bachelor of Business Administration (Management and Leadership)
Ontario College Graduate Certificate (OCGC) – typically 2 semester (4 semesters)	
Cambrian College	OCGC: Health Analytics
Canadore College	OCGC: Health Care Administration and Health Care Administration - Indigenous
FANS	OCGC: Health Care Administration Management
Sault College	OCGC: Health Care Leadership – Canadian Context
St. Lawrence College	OCGC: Health Care Administration International
George Brown College	OCGC: Health Informatics
Algonquin College	OCGC: Digital Health
Mohawk College	OCGC: Digital Health
Northern College	OCGC: Health Care Management
Ontario College Advanced Diploma (OCAD):	
Centennial College	OCAD: Health Informatics Technology with optional co-op

Appendix 2. HLST Major Course List & Description

1. HLST Major - Requirements (Core Courses):

Course Code	Course Title	Short Course Description
HH/HLST 1010 3.00	Foundations of Health Studies I	An inter- and multi-disciplinary introduction to the issues underlying Canada's health care system. Examines the social, cultural, economic, and political influences on concepts, values and structures of Canada's health care system. Course credit exclusion: HH/IHST 1010 3.00
HH/HLST 1011 3.00	Foundations of Health Studies II	Uses the entry point of faculty research to explore a wide range of issues and social contexts in health care. Case studies and course material will focus on the struggle for health and equity for all.
HH/HLST 2010 3.00	Social Determinants of Health	Societal factors determine why some people stay healthy and others become ill. This course examines how these determinants of health influence health. Focus is upon income, stress, early life, social exclusion, work conditions, unemployment, social support, addiction, food and transportation. Prerequisites: HH/HLST 1010 3.00 and HH/HLST 1011 3.00 Course Credit Exclusions: HH/IHST 2200 3.00 Prev: HH/HLST 3010 3.00
HH/HLST 2020 3.00	Health Policy: Power and Politics	Examines the development of health policy from the micro, meso and macro points of view. Explores how decisions are made and the role of both government and non-government bodies, using case histories to illustrate the interplay of these factors. Prerequisites: HH/HLST 1010 3.00 and HH/HLST 1011 3.00. Course Credit Exclusion(s): HH/IHST 2000 3.00
HH/HLST 2030 3.00	Essentials of Health Care Management	Examines key areas that comprise the field of health care management by building on the root disciplines of organizational theory, strategic management and organizational behavior. Topics include the design and managerial roles in health care organizations, leadership and motivation, work team performance and interorganizational relationships. Prerequisite: HH/HLST 1010 3.00 and HH/HLST 1011 3.00 and AP/ADMS 1000 3.00, or HH/IHST 1010 3.00.
HH/HLST 2040 3.00	Introduction to Health Informatics	Introduces basic principles of health informatics as applied to a variety of health and social area applications. Examines how the delivery of healthcare is changed in response to new technology development. Explores knowledge and skills in the field of health data collection, storage, process and communication. Prerequisite: HH/HLST 1010 3.00 and HH/HLST 1011 3.00 or HH/IHST 1010 3.00. Course Credit Exclusion(s): HH/HLST 2050 3.00.
HH/HLST 2300 6.00	Statistical Methods in Health Studies	An introduction to the analysis of data from health studies. Fundamental concepts and techniques of both descriptive and inferential statistics and their application to health research. Prerequisite: HH/HLST 1010 3.00 and HH/HLST 1011 3.00. Course Credit Exclusion(s): AP/ADMS 2300 6.00 (prior to summer 2018) or HH/KINE 2050 3.00 or HH/PSYC 2020 6.00 or HH/PSYC 2021 3.00 and HH/PSYC 2022 3.00 Note: HH/HLST 1111 3.00 Mathematics for Health Studies highly recommended for students without grade a 12 (4U) Math.
HH/HLST 3120 3.00	Analyzing Processes of Power & Politics	A continued exploration of the processes of health policy development and the outcomes to which they lead. Varying analytic approaches will be applied to three policy themes: the public/private mix in health care, integrated health systems and international health systems. Prerequisite: HH/HLST 2020 3.00

		Open to: Students who have 54 earned credits.
HH/HLST 3230 3.00	Integrated Health Systems in Canada	Examines and critiques the elements and concepts of an evolving integrated health system (IHS) in Canada. Studies the evolution and the socio-political-economic impact of this new evolving holistic and integrated health-healing model from an interdisciplinary and cross-sectoral perspective. Prerequisite: HH/HLST 2030 3.0. Open to: Students who have 54 earned credits.
HH/HLST 3341 3.00	Health Informatics II	Designed to develop a global understanding of the significance of health information systems (HIS) in healthcare. Topics include: health information management, HIS implications in transformation of health care and health care services delivery, standards development, technical and policy issues surrounding security, privacy and confidentiality of health care data. Prerequisite: HH/HLST 2040 3.00 or HH/HLST 2050 3.00. Open to: Students who have 54 earned credits.
HH/HLST 4010 3.00	Health Care Ethics: Policy & Management	Provides an overview of ethical issues involved in health care policy, management and informatics in Canada. It combines theory and practical application to allow for reflection on the role values and beliefs play in health policy, management and informatics decisions. Prerequisites: HH/HLST 2020 3.00, 2030 3.00 and 2040 3.00. Course Credit Exclusion: HH/IHST 4010 3.00 Open to: Students in the BHS Honours program with 84 earned credits.
HH/HLST 4200 6.00	Applied Research Approaches in Health	Examines key issues associated with inquiry into health policy, management and informatics issues. The advanced seminar topics include various research methods and design issues relevant to health studies, data analysis and communication of research findings. Prerequisites: HH/HLST 2020 3.00, HH/HLST 2030 3.00, 2040 3.00 and HH/HLST 2300 6.00. Note: Students with course equivalents to HH/HLST 2300 6.00 will be required to complete Lynda.com SPSS training, or equivalent, before enrolling and submitting proof of completion to the School. Open to: Students in the BHS Honours program with 84 earned credits.

2. HLST Major – Elective Courses

Course Code	Course Title	Short Course Description
HH/HLST 1111 3.00	Mathematics for Health Studies	Introduces and encourages mastery of introductory mathematical concepts and quantitative literacy relevant to health policy, management and informatics applications. Open to: BHS students
HH/HLST 1120 6.00	Uncovering the Body	Using The Body as the organizing theme, this cross-faculty course (ES, Health, Education, and Fine Arts) models the unique features of York's curriculum: interdisciplinary, arts-based inquiry, community-engaged, inter-professional, social justice-oriented, and enhancing student experience through EE. Topics may include theories of embodiment, the interrelationships between human and environmental health, representations of the body in art and the body as a site of learning and acting. Course Credit Exclusions: HH/HLST 1900 6.00, ES/ENVS 1900 6.00. Note: This is an approved general education course for the Faculty of Health students. This course can be used as either humanities or social science credit.

HH/HLST 3012 3.00	Indigenous Peoples Health	<p>Provides students with an overview of Indigenous health and wellness in Canada. Student will learn to critically examine and reflect on the historic, economic, social, cultural and political dimensions of health and wellness using an Indigenized social determinant of health lens. In order to think of Indigeneity and health together, we must pay close attention to the multiple dimensions of settler colonial violence, including the violence of: law; research; healthcare policy; education; and social services. This course focuses specifically on Indigeneity in the context of settler colonialism and the Canadian state.</p> <p>Prerequisite: HH/HLST 2010 3.00 Open to: Students who have 54 earned credits.</p>
HH/HLST 3015 3.00	Pharmaceutical Politics and Policy	<p>Examines the place of pharmaceuticals in the Canadian health care system. Focuses on conflicts among stakeholders in policy formation, costs and physician prescribing behaviour.</p> <p>Prerequisite: HH/HLST 2020 3.00. Open to: Students who have 54 earned credits.</p>
HH/HLST 3060 3.00	Introduction to Health Care System Dynamics	<p>An introduction to system dynamics modeling for the analysis of health care policy and management. Examines the dynamic complexity of health care systems and its role in policy resistance. Provides a framework and set of techniques to help make sense of health care system complexity.</p> <p>Prerequisite: HH/HLST 2300 6.00 or HH/IHST 2010 6.00. Open to: Students who have 54 earned credits.</p>
HH/HLST 3110 3.00	Major Themes in Health Policy in Canada	<p>Examines critical points in the development of Canada's health care system at the municipal, provincial and federal level. Focuses on understanding the perspective of the different parties and the historical context in which the policies were implemented.</p> <p>Prerequisite: HH/HLST 2020 3.00. Open to: Students who have 54 earned credits.</p>
HH/HLST 3130 3.00	Developing Practical Skills: Writing Health Reports and Research Proposals	<p>Assists in developing practical skills in writing briefing notes and research proposals. Surveys national and international data bases, governmental, non-governmental and professional association resources, assessing the use of such sources to answer specific research questions in briefing notes and proposals.</p> <p>Prerequisites: HH/HLST 2020 3.00, HH/HLST 2030 3.00 and HH/HLST 2040 3.00 Open to: Students who have 54 earned credits.</p>
HH/HLST 3260 3.00	Health Services Accounting	<p>Examines accounting practices in various health sectors and organizations in Canada.</p> <p>Prerequisite: HH/HLST 2030 3.00. Course Credit Exclusions: HLST 3250 6.00, AP/ADMS 3525 3.00. Open to: Students who have 54 earned credits.</p>
HH/HLST 3265 3.00	Health Services Finance	<p>Examines finance practices in various health sectors and organizations in Canada.</p> <p>Prerequisite: HH/HLST 3260 3.00. Course Credit Exclusions: HH/HLST 3250 6.00, AP/ADMS 3526 3.00. Open to: Students who have 54 earned credits.</p>
HH/HLST 3310 3.00	Electronic Health Record	<p>Provides students with the knowledge and skills to manage health information services in health organizations, to use computer technologies to collect, manage analyze and technically evaluate health information and work with confidential health records.</p> <p>Prerequisites: HH/HLST 2040 3.00 or HH/HLST 2050 3.00. Open to: Students who have 54 earned credits.</p>
HH/HLST 3320 3.00	Health Database Applications	<p>Students will develop a working knowledge of design, implementation, administration and maintenance of relational database systems used in various areas in healthcare. Oracle, the full-scale multi-platform database management system, is used to teach database design and client/server</p>

		application development and implementation. Prerequisites: HH/HLST 2040 3.00 or HH/HLST 2050 3.00. Open to: Students who have 54 earned credits.
HH/HLST 3330 3.00	Global eHealth/Virtual Communities	The course provides student with knowledge of Virtual Communities and their applications in e-Health, at a global level. It investigates the Virtual Community paradigm, its relation to computer supported collaborative work, the internet and smart devices. The course studies the convergence of Virtual Communities with social media, and their applications in global e-Health initiatives in different areas, such as homecare, chronic disease management, telemonitoring, and patient support. Prerequisite: HH/HLST 2040 3.00 or HH/HLST 2050 3.0.
HH/HLST 3350 3.00	Health Data Analytics, Machine Learning and AI	Provides a practical introduction to Health Data analytics to students from multiple disciplines. It permits students to understand data analytics including descriptive, predictive and prescriptive analytics, machine learning, artificial intelligence and the different tools that can be deployed to implement health data analytics. Students would be able to understand how and when healthcare analytics can be used to make better decisions; they will also be able to identify the opportunities and the challenges that analytics present to health and society. Prerequisite: HH/HLST 2300 6.00
HH/HLST 3400 3.00	Quality and Safety in Healthcare	Analyzes issues related to health system improvement and patient safety. Examines quality improvement and patient safety theory and techniques and considers the barriers and facilitating factors for bringing about improvement in the delivery and outcomes of health care faced by managers, clinicians and organizations. Prerequisite: HH/HLST 2030 3.00. Open to: Students who have 54 earned credits.
HH/HLST 3500 3.00	Quality and Op. Excellence in Healthcare - Intro to Lean Six Sigma	An introduction to Lean Six Sigma, a rigorous data-driven methodology and proven set of tools for eliminating waste, reducing variation and improving quality and processes. Illustrates the relevance of Lean Six Sigma to continuous improvement in healthcare processes using examples and case studies across the health care continuum. Extensive use of graphical and statistical analyses using statistical software. Prerequisites: HH/HLST 2030 3.00 and HH/HLST 2300 6.00.
HH/HLST 3510 3.00	Poverty and Health in Canada	Examines evidence related to the increasing incidence of poverty in Canada and the mechanisms by which poverty threatens the health of both the poor and not poor. Explores various potential policy responses. Prerequisite: HH/HLST 2020 3.00. Open to: Students who have 54 earned credits.
HH/HLST 3520 3.00	Aging: Comparative Perspectives	This course will explore various approaches to understanding contemporary aging issues. Open to: Students who have 54 earned credits.
HH/HLST 3530 3.00	Population Aging and Health: Policies, Programs and Issues	Aging in Canada has been depicted by many in the health care community as a looming calamity. Takes a unique Canadian focus and proposes that population aging can be a challenge that will force Canada's health care system to make some careful and innovative policy, program and service choices. Open to: Students who have 54 earned credits.
HH/HLST 3540 3.00	International Agencies in Health Care	Non-governmental and supranational agencies are playing an increasing role in the health care planning and in influencing the development of health care policies in both developed and developing countries. Students will examine the roles of a number of these agencies. Open to: Students who have 54 earned credits.

HH/HLST 4000 3.00	Health Care Law	Legislation relevant to health care; consent to treatment; cases of negligence; medical staff privileges; release of information. Prerequisites: HH/HLST 2020 3.00, 2030 3.00 and 2040 3.00. Open to: Students in the BHS Honours program with 84 earned credits.
HH/HLST 4020 3.00	History of Health Care Ethics	Analyzes the diversity and controversies surrounding health care ethics over more than two thousand years of debates and experiences by practitioners and patients. Makes connections between past practices and present developments upon which to guide future decision-makers. Prerequisites: HH/HLST 1010 3.00 and HH/HLST 1011 3.00. Open to: Students in the BHS Honours program with 84 earned credits.
HH/HLST 4110 3.00	Comparative Health	Examines historical, cultural, environmental, economic and political considerations of national health systems throughout the world, especially as health becomes less isolated and more an interconnected and integral part of all the other systems impacting our globe. Prerequisites: HH/HLST 2020 3.00 or HH/IHST 2000 3.00. Open to: Students in the BHS Honours program with 84 earned credits.
HH/HLST 4130 3.00	Public Policy and Disabilities	This course examines public policy approaches to disability in Canada and other western nations. It considers the extent to which public policy can provide persons with disabilities access to societal resources; voice in policy development and opportunities for participation in everyday life. Integrated with: GS/CDIS 5090 3.00 Prerequisite: HH/HLST 2020 3.00
HH/HLST 4140 3.00	Mental Health Policy	Involves an analysis of mental health policy, from early conceptualizations and approaches to mental health care, to more recent societal approaches, government initiatives and legislation in the Canadian and other international contexts. Integrated with: GS/CDIS 5045 3.00 Prerequisite: HH/HLST 2020 3.00 Open to: Students in the BHS Honours program with 84 earned credits
HH/HLST 4210 3.00	Health Care Leadership	Addresses the most salient leadership skills required for the micro-meso-macro developments in the health care field in Canada: foresight, systems thinking, issue management, impact assessment, critical thinking, contingency planning, visioning, strategic planning, change management, facilitation and negotiation. Prerequisite: HH/HLST 2030 3.00. Open to: Students in the BHS Honours program with 84 earned credits.
HH/HLST 4250 3.00	Measuring Health System Performance	Analyzes issues related to the measurement, dissemination and use of health system performance information. Examines the measurement of health system performance at multiple levels in the system and in different settings and jurisdictions. Prerequisite: HH/HLST 2030 3.00. Open to: Students in the BHS Honours program with 84 earned credits.
HH/HLST 4260 3.00	Topics in Health Services Financial Management	Explores current topics in health services financial management including fiscal sustainability, funding reforms, innovation adoption, costing and pricing, and or performance measurement. Applies accounting and finance theory to explore and critically evaluate current policy and management initiatives surrounding these issues. Prerequisites: HH/HLST 3260 3.00 and HH/HLST 3265 3.00 Course Credit Exclusion: AP/ADMS 4525 3.00
HH/HLST 4300 3.00	Advanced Seminar in Health Informatics	Provides students with up-to-date knowledge of the current research directions in the health informatics domain and the main questions raised in the field. Exposes students to a wide range of current research problems, projects, findings, and debate in health informatics. Prerequisites: HH/HLST 3320 3.00, and HH/HLST 3341 3.00. Open to: Students in the BHS Honours program with 84 earned credits.

HH/HLST 4310 3.00	Analysis & Design of Health Information	<p>Provides the students with the knowledge and the ability to analyze health information systems and design health systems specifications to meet specific objectives, using the appropriate CASE tools. Methods for structured health analysis and design are covered. The use of teamwork is emphasized.</p> <p>Prerequisites: HH/HLST 3320 3.00. Open to: Students in the BHS Honours program with 84 earned credits.</p>
HH/HLST 4320 3.00	eHealth	<p>Introduces the major issues and trends in the application of Information and Communication Technologies (ICT) in the health care service sector.</p> <p>Open to: Students in the BHS Honours program with 84 earned credits.</p>
HH/HLST 4330 3.00	Decision Making & Decision Support	<p>Integrates literature on decision making and literature on management information systems in the health care context to illuminate the rational and non-rational aspects of decision making in health care.</p> <p>Prerequisite: HH/HLST 2300 6.00 Open to: Students in the BHS Honours program with 84 earned credits</p>
HH/HLST 4340 3.00	Health Technology Assessment	<p>Provides students with the knowledge and skills required to carry out systematic analysis and make informed decisions concerning the introduction, allocation and cost-effective use of technologies in healthcare.</p> <p>Prerequisites: HH/HLST 3320 3.00 and HH/HLST 3341 3.00 Open to: Students in the BHS Honours program with 84 earned credits</p>
HH/HLST 4350 3.00	User-Experience Design for Healthcare	<p>Explores the benefits and opportunities of the growing field of user-experience design methods in healthcare. Students earn a framework for when and how to employ user-centered design and practice hands-on strategies and techniques for identifying healthcare gaps, engaging with stakeholders, co-designing prototypes, iterating wire-frames, evaluating outcomes, designing for implementation and successfully disseminating the knowledge to various stakeholder groups.</p> <p>Prerequisites: HH/HLST 2040 3.00 Open to: Student with 84 credits</p>
HH/HLST 4510 3.00	Health and Human Rights	<p>Examines how health and human rights are complementary approaches to understanding and analyzing human well-being. The congruence of the two fields has arisen as the definition of human rights has expanded from civil and political rights to include social and economic rights. Will examine this evolution and its implications.</p> <p>Course credit exclusion: HH/IHST 4510 3.00 Open to: Students in the BHS Honours program with 84 earned credits</p>
HH/HLST 4520 3.00	Contemporary Migration and Health	<p>Analyze critically the historical, social, political, cultural and systemic factors contributing to the health of migrant populations for an advanced understanding of the context as experienced by migrants. The course content covers a historical review of migration with a focus on Canada; key theoretical frameworks; and heterogeneity within migrant groups with a particular focus on vulnerable groups.</p> <p>Open to: Students in the BHS Honours program with 84 earned credits</p>
HH/HLST 4900 3.00/6.00	Health Sector Applied Project	<p>Provides qualified students with career relevant learning experiences and the opportunity to bridge theory and practice through a team project under the direction of the course director in collaboration with a community partner in a local healthcare or health-related organization. Students apply project management concepts in an interdisciplinary team of students from policy, management, informatics and health studies as appropriate. The community partner project will have clear objectives, milestones and outcomes and student teams will develop a project charter, carry out the workplan, and present to the course director and project partner. The project is carried out on campus but may require visits to the community partner and students will be responsible for maintaining ongoing and open communication with</p>

		<p>the community partner as required for successful completion of the project. Students will meet regularly in-class with the course director for seminars, group learning, and guest speakers.</p> <p>Pre-requisite(s): HH/HLST 2020 3.00, HH/HLST 2030 3.00, HH/HLST 2040 3.00, HH/HLST 2300 6.00, and HH/HLST 2010 3.00 or HH/HLST 3010 3.00</p> <p>Pre/Corequisite: HH/HLST 4200 6.00</p> <p>Open to: Students in the BHS Honours program with 84 earned credits.</p> <p>Note 1: A minimum GPA of 6.00 is required in major credits.</p> <p>Note 2: Enrollment by permission only. Students complete Seeking Course Permission Form available on School's website, and the Instructor will select from those who apply. Decisions are made before the start of term.</p> <p>Note 3: This course will require a commitment of 12 hours per week over 11 weeks (132 hours). As part of the 12 hours, students will be required to attend in-class activities with their group and course instructor or interaction with their community-partner.</p>
HH/HLST 4990 9.00	Health Studies Practicum	<p>Designed to bridge theory and practice in a variety of health care settings, the practicum is a planned, supervised and evaluated practice-based experience in which students are mentored and supported by fieldwork-supervisors. To support students' development of professionalism skills within work integrated learning, students are required to attend pre-practicum workshops and in-class pre-placement sessions. The practicum course will require 15-20 in-class hours and 250-300 in-field hours. Students will prepare a learning contract, complete a field-based project deliverable, participate in continuous reflective-related exercises and prepare a final practicum poster presentation. The practicum is open to students in BHS specialized honours program.</p> <p>Prerequisites: HH/HLST 4000 3.00, and HH/HLST 4010 3.00</p> <p>Pre/Corequisites: HH/HLST 4200 6.00 Open to: Students in the BHS Specialized Honours program with 84 earned credits</p> <p>Note 1: A minimum GPA of 7.0 is required in major credits.</p> <p>Note 2: Enrollment is by permission only. Students with the required earned credits are invited to an Information Session in the Winter term prior to placement. Students submit an application, are interviewed and those selected are notified by end of Winter term.</p> <p>Note 3: Students are required to complete all pre-practicum risk management and screening requirements before the Winter term of practicum.</p> <p>Note 4: Students are required to attend all in-class pre-practicum sessions and post-practicum sessions and commit to a minimum of 3 days a week in fieldwork placements based on negotiated workdays with the field supervisor, completing a minimum of 250-300 in-field work hours.</p>

Appendix 3

Program Learning Outcomes (PLOs) Curriculum Map

Introductory (I): Teaching and learning activities focus on basic concepts and skills. Students recall/explain concepts.

Developed (D): Teaching and learning activities reinforce concepts and skills. Students apply procedures or analyze concepts.

Mastery (M): Teaching and learning activities focus on the use of concepts and skills. Students analyze concepts at multiple levels of complexity, evaluate decisions, or create new ideas. Students are assessed on graduation-level proficiency in the outcome.

	I	D	M
Taught			
Assessed			

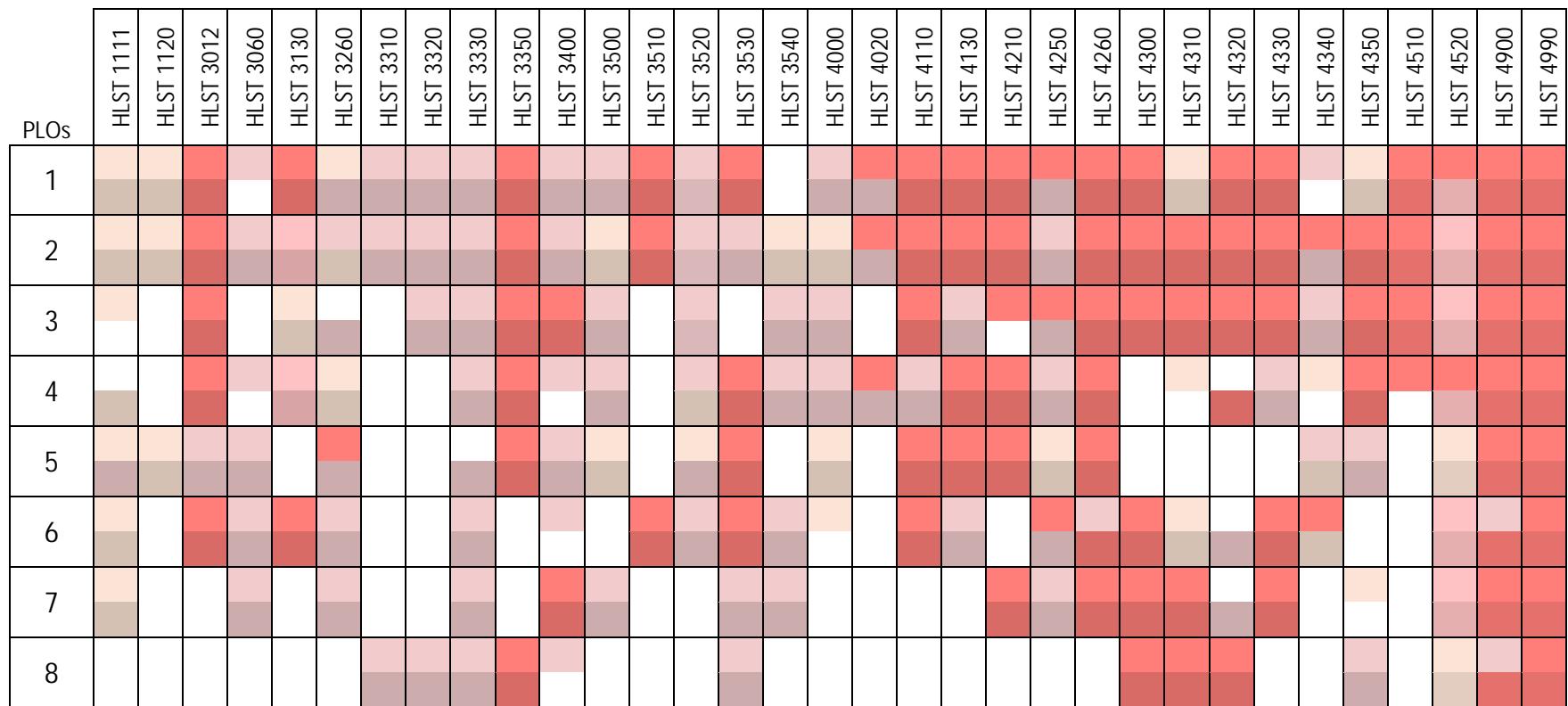
BHS - HLST Major Core Courses

PLOs	HLST 1010	HLST 1011	HLST 2010	HLST 2020	HLST 2030	HLST 2040	HLST 2300	HLST 3120	HLST 3230	HLST 3341	HLST 4010	HLST 4200
1												
2												
3												
4												
5												
6												
7												
8												

Program Learning Outcomes: Consolidated Specialized Honours.

1. Systematically select, interpret and synthesize available information in a clear and succinct manner verbally and in writing using proper sentence structure and citation formats.
2. Critically appraise evidence, perspectives and the assumptions and limitations to various methodological, theoretical and disciplinary approaches in health studies.
3. Work collaboratively in teams to analyze issues, perspectives and solve problems in health policy, management and digital health.
4. Act responsibly and with integrity as expected of professionals in a career that recognizes the social determinants of health and advances health equity.
5. Plan and carry out quantitative and qualitative analyses using an interdisciplinary perspective that considers tensions between evidence and values.
6. Describe and apply health policy concepts to inform decision making at a micro, meso and macro level.
7. Describe and apply health management concepts to assess and improve health system performance.
8. Describe and apply digital health concepts to design and evaluate health information systems and technology solutions.

BHS – HLST Major Electives



Appendix 4: Degree Naming Report

The following report regarding Degree Naming for the Consolidated Undergraduate Honors Degree summarizes the work of the CC and SHPM Committees conducted between 2019 and 2021.

Consolidated Degree Naming Report

As part of our SHPM Renewal activities, the School is proposing to merge our existing general and three separate specialized BHS degrees into one consolidated Specialized Honours degree that covers Health Policy, Management & Informatics (NOI approved by SHPM Council June 2021, approved by YUQAP Vice Provost September 2021). Part of the major modifications being undertaken requires us to decide on a new name for the consolidated degree.

Details of the process undertaken over the last 2 years to help inform our decision regarding the degree and program name for our consolidated Specialized Honours degree as well as summary data on various stakeholder perspectives captured to aid in this decision can be found in Appendix 4.1. This page and the next summarize key information relevant to our decision regarding degree and program name for the proposed consolidated Specialized Honours degree.

Criteria to consider & Summary of Findings Regarding Degree Name for the Proposed Consolidated Specialized Honours

1. We should adhere to the Guiding principles related to naming the new 120-credit consolidated specialized Honours degree our School defined when this process began in 2019 (Appendix 4.1, table 1) – in particular that the Degree and Program name must reflect what is offered in the degree (broad spectrum of areas: Policy – *including equity and social justice*, Management, Informatics) and the depth of the offering, rather than the range of faculty expertise which is much broader than our undergraduate program.
2. Attracting high quality students is a priority (therefore important to consider what this cohort values, what is most marketable/will boost enrollment in the Specialized Honours).
 - a. Based on longstanding discussions and recruitment observations, the Faculty's Enrolment Management Group supports consolidating our honours degrees and renaming the degree to a BA. While a BHS is unique, prospective students (101s and 105s) often don't know what a BHS is. Prospective students seem to attach more importance and value to a BA because it is universally recognized (they note that LA&PS saw increases in enrollment when they changed their BAS to a BCom).
3. Fidelity to program history versus emphasizing transformation
 - a. Given that this year marks the program's 20th year anniversary, a new name should connect to the program origins and history.
 - b. The consolidated degree we are proposing is novel and flexible – we are unique in what we offer, and the new name should reflect this and leave room for possible future changes to program offerings.
 - c. To ensure our name is current, should we be considering whether the three domains of our consolidated Specialized Honours are best represented by the terms *Policy, Informatics and Management?* Is politics more appropriate than policy? Is digital health more appropriate/current than informatics?

4. Student survey results regarding new degree/program names (Appendix 4.1, Tables 2, 4a and 4b): Based on the data, we suggest it would be reasonable to go with either a BA or a BHS.
 - a. 2019 data (Appendix 4.1, table 2) are less relevant as a different degree naming options were being considered at that time
 - b. 2021 data are likely subject to a status quo bias
 - i. students, especially 1st year respondents, will favour what they enrolled in (Appendix 4.1, table 4a);
 - ii. we might weigh 4th yr student data more heavily (Appendix 4.1, table 4b), particularly the perspectives of 4th yr *specialized* honours students and those who chose our program as their 1st or 2nd choice. For both of these groups slightly more respondents indicated a BA in HPMI would be most valuable compared to a BHS
5. 2019 Faculty special meeting decision on naming options (Appendix 4.1, Table 3) suggests faculty agree program name should be HMPI or HMIP but support BA or BHS almost evenly
6. Employer survey results (Appendix 4.1, Table 5): Employer perspective is clear that either a BHS in Health Policy, Management & Informatics or a BA in Health Policy, Management & Informatics would be most attractive to potential employers like them compared to a BHS or a BA in Health studies; response rates for this survey were low (30%)
7. Environmental scan (see Appendix 1): Scan suggests our program is unique and we are differentiated from other programs in that we cover all 3 areas (management, policy & informatics) while other programs tend to have more of a singular focus

October 2021 SHPM Committee Meeting & Final Decision

The criteria and summary findings above suggest that the proposed consolidated Specialized Honours degree should be a degree */N* Health Policy, Management, and Informatics or Digital Health. The data were less clear regarding whether the degree should be a BHS or a BA indicating this may be as much a strategic decision as it is a data driven decision. The SHPM Committee's decision task was therefore to choose between a BA or a BHS.

The SHPM Committee voted 18-2 in favour of proceeding with the consolidated degree as a BHS. The Committee also resolved to have the informatics faculty and the Policy faculty deliberate further on the most appropriate terms for these two areas. Based on these discussions, the proposed name for the consolidated degree is a BHS in Health Management, Policy and Digital Health¹. The term 'Digital Health' is (a) current, (b) reflects our recently expanded course offerings in the area, and (c) good for enrolment as it is a more meaningful term for prospective students.

¹ This report, and processes undertaken in this work, are not intended to suggest changes to the name of our School or the name of our 90-credit degree, only the name of our Honours undergraduate degree.

Appendix 4.1. Process and Data used to help determine name for new consolidated Specialized Honours Degree.

1. Purpose:

The purpose of this brief report is to provide background and up-to-date information to guide the discussion on creating a new name for the one consolidated Specialized Honours degree that covers Health Policy, Management & Informatics.

2. Background

Several reasons led to the decision to change the current degree name (i.e., Bachelor of Health Studies) to a new name for the 120-credit consolidated Specialized Honours degree. These include:

- The current name is *is very general* with desire from students and faculty for a new name that reflects what the program offers – which is an interdisciplinary study of Health Policy, Management, and Informatics.
- The current name is not well understood by prospective students, not well understood in employment settings, and does not adequately reflect the degree content on graduate school applications.

3. 2019 Activities to Guide Naming of Consolidated Specialized Honours

In 2019, the following three key milestones occurred:

- 3.1 The creation of guiding principles for the new name of the 120-credits consolidated specialized Honours degree (Table 1). Importantly, the nomenclature of the program needs to accurately communicate the program intent, disciplinary field of study, qualification, and should be consistent with (inter)national norms and be recognizable by prospective students and other stakeholders (employers, public, other postsecondary institutions, etc.).

Table 1. Guiding principles for naming the 120-credit consolidated specialized Honours degree

Naming Principles	Process Principles
<ol style="list-style-type: none">1. We are focusing only on degree and program names for the 120-credit Specialized honours.2. Any new degree and program names should help differentiate the 90-credit degree from the 120-credit specialized Honours.3. Program names must reflect what is offered in the program (broad spectrum of areas: Policy-including social justice/equity, Management, Informatics) and the depth of the offering, not the range of faculty expertise.4. Attracting and retaining high quality students is a priority (therefore important to consider what this cohort values).5. It would be advantageous to consider how potential new undergraduate programs (CDS or GH) might be named if they are added to the School (e.g if we move to a BA in Health P,M,&I, a BA in CDS program would fit well into this naming structure).6. Be mindful of other undergraduate programs offered outside SHPM / York and situate ourselves in that broader context of program offerings.	<ol style="list-style-type: none">1. Be mindful of the diversity of focus and expertise within the SHPM and the importance of contributing new ideas rather than digging our collective heels in to maintain the status quo.2. Given the challenges outlined above, be open to the idea that the name we have historically had may no longer be the best one for us.3. Any potential name change needs to be thought through carefully, including identifying potential unintended consequences of any changes.4. Avoid being overly critical of suggestions that come forward during the discussion – this phase is intended to identify a slate of potential new degree name options.

- 3.2 In early 2019 A survey was sent to approximately 1300 students in SHPM courses (Table 2)
- Reasonably high response rate: $778/1290 = 60\%$
 - Higher response rate by specialization students, ($288/366 = 79\%$), compared to health studies (honours and ordinary) ($422/924 = 46\%$)
 - Highest response rate by 3rd and 4th year students, 85% compared to 41% for year 1 and 2 students
 - Table 2 shows responses to the naming question.

Table 2. 2019 students survey results (only 3rd and 4th year students were asked this question):

Students in SHPM courses	What degree you think best describes what you have learned in the program?
3 rd and 4 th year students, n=469	BHS – 53% BHA – 13% BHPA – 29% Other – 5%

- 3.3 In March 2019 A special meeting devoted to naming options was convened in the school. In the context of the guiding principles above, after extensive discussion and consideration of numerous degree and program name options (beyond what is in table 3), faculty voted on the degree name (BA or BHS) and the Program Name (Specialized Honours in). Results are highlighted in the table 3 below.

Table 3. Results of the 2019 special meeting decision to naming options

Degree Name	# of Votes	Program Name (Specialized Honors in...)	# of Votes
5. BHS	9	1. HMPI or HMIP	10
6. BA	7	2. HAPI	4
		3. HPMI	1
		4. Other	1

*A=Administration, P=Policy, M=Management, I=Informatics

Between 2019 and 2021, there was a pause in the focus on naming the new degree as the curriculum committee needed to examine all of our courses and program requirements to assess feasibility of one consolidated honours degree. An NOI proposing one consolidated Specialized Honours was passed by the SHPM Council in June 2021 and submitted to the VPA in August 2021.

4. 2021 Activities to Guide Naming of Consolidated Specialized Honours

In 2021, three key activities occurred to help determine the most suitable name for the proposed new consolidated Specialized Honours (1) a survey of current students (2) a survey of potential employers; (3) a search of comparable programs.

- 4.1. A survey was sent to first- and fourth-year students enrolled in SHPM courses asking them several questions regarding program names – exploring preferences between a BHS, a BA in Health Studies, and a BA in Health Policy Management & Informatics. Key survey findings are summarized in table 4 and show that 1st year students feel they would be more attracted to a BHS compared to a BA in Health Policy,

Management and Informatics while 4th year students feel the BA in Health Policy, Management and Informatics would be more valuable upon graduation. It is important to note the following when reviewing the survey results (tables 4a-b):

- a. There is likely a strong status quo bias among first year students to choose BHS Health Studies as that is the name that attracted them to the program.
- b. First and fourth year students were not asked about their preferences for the name BHS – Health Policy, Management, and Informatics. It only asked for BA – Health Policy Management & Informatics.
- c. There are important differences in 1st and 4th year respondent groups: 38% of 1st year honours students are in SPEC honours; 49% of 4th year honours students in SPEC honours – this is due to higher attrition rates in the GEN honours program.

Table 4a. Table showing FIRST YEAR students survey results*:

First year students N=215, 81% response rate	Thinking back to when you applied to university, which of the following degree names would have been most likely to ATTRACT YOU to our program?
1. All students, n=212	58% - BHS – Bachelor of Health Studies 18% - BA – Bachelor of Arts in Health Policy Management & Informatics (14% unsure/all equally valuable; 9% BA Health Studies)
2. 120-credit SPECIALIZED Honours BHS, n=49	61% - BHS – Bachelor of Health Studies 20% - BA – Bachelor of Arts in Health Policy, Management & Informatics (12% unsure/all equally valuable; 6% BA in Health Studies)
3. 120-credit GENERAL Honours BHS, n=79	60% - BHS - Health Studies 15% - BA – Health Policy, Management & Informatics (13% unsure/all equally valuable; 13% BA in Health Studies)

* We only asked about three options: BHS, BA in Health Studies, BA in HPMI

Table 4b. Table showing FOURTH YEAR students survey results*:

Fourth year students N=146**, >95% response rate	Whether you plan to find a job or apply for more schooling, which DEGREE NAME do you feel would be MOST VALUABLE for you to have on your resume when you graduate?
All students, n=122 (BHS vs BA)	52.5% - BHS – Bachelor of Health Studies 47.5% - BA – Bachelor of Arts in Health Policy Management & Informatics
120-credit SPECIALIZED Honours, n=59	46% - BHS – Bachelor of Health Studies 54% - BA – Bachelor of Arts in Health Policy Management & Informatics
120-credit GENERAL Honours BHS, n=61	57% - BHS – Bachelor of Health Studies 43% - BA – Bachelor of Arts in Health Policy Management & Informatics
Students who chose us as 1 st or 2 nd choice (vs 3 rd choice or lower), n=65	51% - BHS – Bachelor of Health Studies 49% - BA – Bachelor of Arts in Health Policy Management & Informatics
105 applicants (not direct from high school), n=60	45% - BHS – Bachelor of Health Studies 55% - BA – Bachelor of Arts in Health Policy Management & Informatics

* We only asked about three options: BHS, BA in HPMI, BA in Health Studies. Very few selected BA in Health studies so that group is not included in this table

** a small number of students responded to this survey more than once as a 1% bonus mark was tied to overall response rates

4.2. One hundred and six employers who partner with FoH around student placements were also sent a survey asking them: "For students graduating with our new Specialized Honours who might be looking for an entry-level position in an organization like yours, which of the following degree names would be most attractive to potential employers like you?" 31 responses were received from a variety of settings (14 in hospitals, 6 in primary care settings, 3 in each of community support agencies, LTC, and home and community care, 2 other).

Table 5. Table showing employer survey results

	# of responses	For students graduating with our new Specialized Honours who might be looking for an entry-level position in an organization like yours, which of the following degree names would be most attractive to potential employers like you?
Employers	31	<p>71% - BHS in Health Policy, Management, and Informatics 19% - BA in Health Policy, Management, and Informatics 6% - BHS / BA in Health Studies (3% unsure)</p>

4.3. A search of comparable programs was conducted and is provided in Appendix 1. Programs offered in the United States are predominantly BSc degrees with Majors in Health Studies, Health Informatics, or related disciplines. In Canada, there are a variety of BAs (with majors in Health Studies), Bachelor of Health Studies, Bachelor of Health Administration, and Bachelor of Healthcare Management degrees offered. The environmental scan shows that all programs have a singular primary focus – some focus more on public health/epidemiology (e.g. Waterloo, UOIT), others focus on one of: health management/admin (e.g., Ryerson, Seneca, Athabaska), informatics (e.g., UVic, Conestoga), or policy/society (e.g., McMaster, Queen's, UofT, Trent). Some programs have co-op or field experience options but not all. The proposed consolidated program appears to be entirely unique. It is important to note that we cannot change the degree to a BSc without changing degree requirements to include several science courses. BSc programs that focus more on medical sciences of course, also exist (e.g., Western's BMSC).

5. Most Recent Steps in this Decision Process

In August 2021, the Curriculum Committee examined the process and data collected and highlighted the following points:

- Must recognize as we proceed, that the naming questions asked in student and employer surveys were, unfortunately, not consistent (different options were posed as the degree naming process unfolded).
- Given concerns with 1st year data noted above, we might want to more heavily weighing the data from fourth year students, the employer survey, as well as the guiding principles.
- Consideration of whether Policy and Informatics are the most appropriate terms to use for these 2 areas is required.
- To facilitate discussion and decision by the SHPM committee, we circulated this report and appendix to the BIPOC advisory committee and the SHPM committee for discussion.

Appendix 5

Closure of an Undergraduate or Graduate Program (Template revised May 15, 2017)

I. Program Information

Name and Type of Program	Health Management (Specialized Honours BHS Program) Health Informatics (Specialized Honours BHS Program) Health Policy (Specialized Honours BHS Program)
Home Academic Unit	Health Policy & Management
Year Program Established	2001 (All three Specialized Honours BHS)

II. Enrolment Data

Insert in the table below the enrolments in the program the past three academic years.

	Health Management	Health Informatics	Health Policy
2020-2021	171	74	31
2019-2020	196	67	32
2018-2019	223	87	39

Source: Integrated Academic Program Report HH-UG-2021

III. Reasons and Impact

1. Provide the rationale for the closure of the program.	We are proposing to merge our 3 existing BHS Specialized Honours degrees into one consolidated Specialized Honours degree in Health Policy, Management & Digital Health. See section 9 of the Major Modifications proposal for a detailed rationale.
2. Comment on the alignment between the closure and Faculty and/or University academic plans.	The proposed consolidation aligns well with York's current UAP and SMA3 and the FoH Health@2020 plan. See section 7 of the Major Modifications proposal.
3. Does the closure affect other programs / units? If yes, describe the impact of the closure on them.	The closure does not materially affect other programs or units. One course (ECON3510 – Health Economics) typically cases about 50% of seats for our students as this is a required course for our SPEC HONS students. In the consolidated degree this course will become an elective, though students will be strongly encouraged to take it.
4. Are there courses that were established specifically to support the learning outcomes of the program? If so, describe the status of those courses after the closure of the program.	All HLST courses established to support the programs that are closing are being retained and included in the consolidated degree (see section 11.1 of the major modifications proposal).

5. Describe the impact of the closure on students currently enrolled in the program, including an outline of the provisions for students to complete it, the timelines and availability to transfer credits to other programs.	We are not planning to discontinue any courses required in the programs being closed. While we would like to put in place a sunsetting clause for seven years to reduce program administration requirements going forward, the School will work with students on a case by case basis using course substitutions to accommodate any students remaining beyond that date.
6. What is the impact on faculty members affiliated with the program?	There will be no impact on faculty members affiliated with the program as they will continue to deliver their courses as part of the consolidated SPEC HONS degree.
7. What are the general implications for the diversity and availability of academic programming?	A single consolidated Specialized Honours will allow greater flexibility in program delivery, reducing barriers to program progress for students and offering them a more diverse academic program. In particular, the consolidated degree will meet the growing demand for Health Studies graduates who have an inter-disciplinary understanding of all three program areas (policy, management, and digital health) and are therefore well versed in the interconnectedness and complexity that increasingly characterizes health systems.

Appendix 6: Changes to existing course form for HLST 2030



Changes to Existing Course
Faculty of Health Curriculum Committee

School/Department: School of Health Policy & Management

Course Information:

Faculty: Rubric: Course #:
(i.e. HLST) Weight:
(i.e. 3.00, 6.00 or 0.00)

Course Title:

Effective Session for Change: Term:
(i.e Fall, Fall/Winter, Winter) Year:
(i.e 2020-21, 2020)

Type of Change ('x' all that apply):

<input type="checkbox"/> in course number/level	<input checked="" type="checkbox"/> in pre/co-requisite(s)
<input type="checkbox"/> in credit value	<input checked="" type="checkbox"/> in calendar description
<input type="checkbox"/> in cross-listing*	<input type="checkbox"/> retire/expire course
<input type="checkbox"/> in course credit exclusion(s) [†]	

in short title (maximum 40 characters)

Proposed short title:

in full title (maximum 60 characters)

Proposed full title:

Other (please specify)

Rationale for Change:

The school requested a change in the prerequisites of HH/HLST 2030 3.00 in 2018-2019 (adding an additional prerequisite of AP/ADMS 1000 3.00) and this request was granted and came into effect 2019-2020. Unfortunately, AP/ADMS 1000 3.00 is only a degree requirement for our management stream students and not a requirement for policy, informatics or general honours students. Having a course - that is not a degree requirement - as a prerequisite for a course that is a degree requirement, is causing student confusion and we have had demands for tuition refund. We have included the following disclaimer as a workaround:

THE PRE-REQUISITE OF ADMS 1000 3.0 IS NOT ENFORCED. If you are blocked from enrolling, seek permission from the School of Health Policy & Management by completing a request form at <https://shpm.info.yorku.ca/courses/course-waiting-list/>. Note that ADMS 1000 3.0 is a degree requirement for 120-credit honours BHS degree with specialization in Health Management. We encourage you to refer to your Degree Progress Report for the requirements that are needed for you to graduate: <https://myacademicrecord.students.yorku.ca/degree-progress-report>

We are requesting to remove the AP/ADMS 1000 3.00 as a prerequisite of HLST 2030. We will ensure that we cover the relevant AP/ADMS 1000 material early on in HLST 2030.

* Cross-listed courses are offered jointly by two or more teaching units (such as departments or divisions), or teaching units in two or more different Faculties. Regardless of the offering Faculty or discipline identified by the course prefix of a cross-listed course, every offered section of a cross-listed course is substantially the same as every other and all are therefore recognized as instances of the "same" course.

† "Course Exclusion" is a formal status accorded to pairs of courses that are recognized as having sufficient overlap in content to warrant specifically excluding students from obtaining credit for both. Course exclusion status requires the same curricular approval process required for establishing cross-listings. Course exclusions will be recognized by all Faculties and programs.

Learning Outcomes:

Will there be a change to the learning outcomes?	YES	NO	x
If yes, please describe the changes in a side by side comparison below. <i>Denote additions in <u>bold, underlining</u>, and strikethrough for deletions.</i>			
Existing Learning Outcomes (Change From):	Proposed Learning Outcomes (Change To):		
Will the change in learning outcomes require additional assessment? If yes, provide any resource implications. If there are no additional assessments, why not?	YES	NO	

Calendar Copy:

The Faculty of Health Curriculum Committee requires that the course description, as listed in the course repository be included below in its entirety.

Please adhere to the format and order below for course description submissions:

- Course Number (credit value should be taken to two decimal places (i.e. 6.00 and 3.00)
- Course Title (maximum 40 characters)
- Course Description (maximum 60 words. For editorial consistency, verbs should be in present tense.)
- Integrated with (list the graduate level courses that the course is integrated with. Do not include if the course is not integrated.)
- Prerequisite (list of prerequisite courses etc. Only include if there are prerequisites.)
- Corequisite (list of corequisite courses etc. Only include if there are corequisites.)
- Pre/Corequisite (list of courses etc. which can be taken as pre- or corequisites.)
- Course Credit Exclusion(s) (list of exclusions)
- Open to (should only be used if this course is limited to a specific group of students)
- Not open to (should only be used if the course is closed to a specific group of students)
- Notes (includes any other information which is necessary for students to know before enrolling in the course)
- Previously offered as (list any other version of the course)

*Denote additions in **bold**, underlining, and ~~strikethrough~~ for deletions.*

Existing Calendar Copy (Change From):	Proposed Calendar Copy (Change To):
<p>Course Description:</p> <p>Examines key areas that comprise the field of health care management by building on the root disciplines of organizational theory, strategic management and organizational behavior. Topics include the design and managerial roles in health care organizations, leadership and motivation, work team performance and interorganizational relationships. Prerequisite: HH/HLST 1010 3.00 and HH/HLST 1011 3.00 and AP/ADMS 1000 3.00, or HH/IHST 1010 3.00.</p>	<p>Course Description:</p> <p>Examines key areas that comprise the field of health care management by building on the root disciplines of organizational theory, strategic management and organizational behavior. Topics include the design and managerial roles in health care organizations, leadership and motivation, work team performance and interorganizational relationships. Prerequisite: HH/HLST 1010 3.00 and HH/HLST 1011 3.00 and AP/ADMS 1000 3.00, or HH/IHST 1010 3.00.</p>

Confirmation of Consultation/Approval:

If the proposed course is to be cross-listed, integrated, listed as a course credit exclusion with another course, or listed as a major/minor course option in an interdisciplinary program, the proposal must be accompanied by a statement from the collaborating unit signaling agreement to the proposal.

Indicate the consultation, approval, and additional documentation applicable to the proposal:	YES	NO
Approval by Department/School's Curriculum Committee		
Statement(s) from the collaborating unit		

Appendix 7: Support letters for BHS modifications

Letter of support from the School of Global Health

Friday, September 24, 2021 at 16:01:35 Eastern Daylight Time

Subject: Letter of support for BHS Modifications
Date: Friday, September 24, 2021 at 3:57:11 PM Eastern Daylight Time
From: GH_DIR
To: Liane R Ginsburg

Dear Liane,
Thank you for discussing with me the major modification the School of Health Policy & Management is proposing to your BHS undergrad program.
Thanks for highlighting that the proposed changes will not impact the courses where you reserve seats for our Global Health students. We are pleased that these courses, or approved substitutions, will continue to be offered with seats reserved for our students each year.
Good luck with the proposal!

Keep well,
Adrian

Dr. A.M. Viens
Director
School of Global Health
Faculty of Health
York University

Letter of support from the School of Administrative Studies



Professor Liane Ginsburg
School of Health Policy & Management
Faculty of Health

September 24th, 2021

**School of
Administrative
Studies**

282 Atkinson Building,
4700 Keele St.
Toronto ON
Canada M3J 1P3
Tel: 416-736-5210
Fax: 416-736-5963

Dear Liane

Thank you for connecting with me to let us know about the major modification you are proposing to your BHS undergraduate program.

We understand the proposed changes will not impact the courses where you reserve seats for students completing the Health Services Financial Management Certificate, a certificate that is offered jointly by your School and the School of Administrative Studies in LA&PS. In particular, we note that these courses, or approved substitutions, will continue to be offered with seats reserved for the certificate students.

Best of luck with the proposal for the consolidated Specialized Honours degree.

Best regards,

A handwritten signature in blue ink, appearing to read 'N. Waweru'.

Nelson Waweru CMA, CPA, PhD
Professor of Accounting
Director, School of Administrative Studies
York University
4700 Keele Street, M3J 1P3



Letter of support from the Department of Mathematics and Statistics



4 October 2021

**FACULTY OF
SCIENCE**

**Department of
Mathematics and
Statistics**

N520 Ross
4700 KEELE ST
TORONTO ON
CANADA M3J 1P3
T 416 736 5250
F 416 736 5757

Dear Liane,

Thank you for connecting with me to let us know about the major modification you are proposing to your BHS undergrad program.

Thanks for conveying that the proposed changes will not impact the courses available to students in our new Data Science degree who choose a domain emphasis in Health. In particular, we note that these courses, or approved substitutions, will continue to be offered with seats reserved for students electing to enroll in the Health domain emphasis.

Best of luck with the proposal for the consolidated Specialized Honours degree.

Best regards,

Stephen Watson

Stephen Watson
Professor and Chair
Department of Mathematics and Statistics

Appendix 8: Consolidated BHS – 4000-Level Course Modelling

Based on the data in (1) we completed two enrollment scenarios in (2). Assumptions are outlined in 3, below.

1. Using data from the last 4 years for which we have complete enrollment information (2017/18 – 2020/21), we know the following:
 - 1.1. We typically have a 4th year cohort of approximately 200 students requiring HLST major courses (46% from our General Honours BHS and 54% from our Specialized Honours)
 - 1.2. General Honours BHS students require 9.0 4th year HLST major credits; Specialized Honours require 24.0
 - 1.3. To enable students to meet degree requirements, the number of sections of 4th year courses offered has ranged from 24 – 33 (see 3.2 below)
 - 1.4. The average # of HLST students enrolled in 4th year courses has been 34.2
2. Projected enrollments in 4th year courses for the consolidated Specialized Honours BHS
 - 2.1. If we achieve a steady state with a 4th year cohort of 200 students, all of whom are enrolled in the Specialized Honours BHS, we would require 32 sections (assuming close to full enrollment in these sections)
 - 200 students requiring 24.0 4th year HLST credits: $((24/3)*200)/50 = 32$ sections
 - Demand will actually be less than this until we can successfully 'convert' General Honours students to the newly consolidated Specialized Honours program.
3. Assumptions
 - 3.1. Attrition rates between 3rd and 4th year are assumed to be what they are currently. We believe this is a conservative estimate as we anticipate students in the consolidated degree will have higher levels of engagement with the program and higher program retention.
 - 3.2. Calculations in 1 and 2 above do not include our practicum/project courses (4900 and 4990). Enrollment in these two high demand EE courses is growing quickly (see the 3 bullets immediately below) which is anticipated to reduce pressure on our other 4th year courses over the coming years by 1-2 sections per year. However, these reductions will be offset by the 1-2 additional practicum sections that will be required.
 - 25-28 students earned 3.0 such credits in 2017/18 and 2018/19
 - 11 and 16 students earned 3.0 and 6.0 credits, respectively, in 2019/20
 - 43 students earning 6.0 credits in 2020/21

Appendix 9 – Side by side Calendar Copy

Existing Program Requirements	Proposed Program Requirements <small>(Additions are bold, underlined, and yellow highlighted)</small>	Proposed Program Requirements with GPA conversion of new grading scheme <small>(Additions are bold, underlined, and yellow highlighted)</small>
<p>Health Studies (Honours BHS Program): 120 Credits</p> <p>Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.</p> <p>Graduation requirement: all graduates must complete a total of at least 120 credits with a minimum overall cumulative grade point average of 5.00 (C+).</p> <p>General education: a minimum of 18 credits as follows:</p> <ul style="list-style-type: none"> • six credits at the 1000 level in approved Faculty of Health general education or humanities categories approved by the Faculty of Liberal Arts & Professional Studies • six credits at the 1000 level in approved Faculty of Health general education or social science categories approved by the Faculty of Liberal Arts & Professional Studies • six credits at the 1000 level in natural science (NATS) offered by the Faculty of Science <p>Note 1: It is strongly recommended that students complete the general education requirements above within their first 54 credits.</p> <p>Note 2: Students may complete a maximum of 30 credits in general</p>	<p>Health Studies (Honours BHS Program): 120 Credits</p> <p>Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.</p> <p>Graduation requirement: all graduates must complete a total of at least 120 credits with a minimum overall cumulative grade point average of 5.00 (C+).</p> <p>General education: a minimum of 18 credits as follows:</p> <ul style="list-style-type: none"> • six credits at the 1000 level in approved Faculty of Health general education or humanities categories approved by the Faculty of Liberal Arts & Professional Studies • six credits at the 1000 level in approved Faculty of Health general education or social science categories approved by the Faculty of Liberal Arts & Professional Studies • six credits at the 1000 level in natural science (NATS) offered by the Faculty of Science <p>Note 1: It is strongly recommended that students complete the general education requirements above within their first 54 credits.</p> <p>Note 2: Students may complete a maximum of 30 credits in general</p>	<p>Health Studies (Honours BHS Program): 120 Credits</p> <p>Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.</p> <p>Graduation requirement: all graduates must complete a total of at least 120 credits with a minimum overall cumulative grade point average of 5.00 (C+) 2.0 (C).</p> <p>General education: a minimum of 18 credits as follows:</p> <ul style="list-style-type: none"> • six credits at the 1000 level in approved Faculty of Health general education or humanities categories approved by the Faculty of Liberal Arts & Professional Studies • six credits at the 1000 level in approved Faculty of Health general education or social science categories approved by the Faculty of Liberal Arts & Professional Studies • six credits at the 1000 level in natural science (NATS) offered by the Faculty of Science <p>Note 1: It is strongly recommended that students complete the general education requirements above within their first 54 credits.</p> <p>Note 2: Students may complete a maximum of 30 credits in general</p>

<p>education; any additional credits not being used to fulfil general education may count toward electives.</p>	<p>education; any additional credits not being used to fulfil general education may count toward electives.</p>	<p>education; any additional credits not being used to fulfil general education may count toward electives.</p>
<p>Note 3: General education requirements are satisfied by taking natural science courses, approved humanities or social science categories courses and Faculty of Health general education courses. For further information please visit yorku.ca/health/academic-resources/general-education-requirements/.</p>	<p>Note 3: General education requirements are satisfied by taking natural science courses, approved humanities or social science categories courses and Faculty of Health general education courses. For further information please visit yorku.ca/health/academic-resources/general-education-requirements/.</p>	<p>Note 3: General education requirements are satisfied by taking natural science courses, approved humanities or social science categories courses and Faculty of Health general education courses. For further information please visit yorku.ca/health/academic-resources/general-education-requirements/.</p>
<p>Note 4: Students have the option to take specified Faculty of Health courses to fulfill their social sciences general education requirements. Courses offered by the Faculty of Health that are used to fulfill the social sciences general education credits may not also count as credits towards the major. For a list of courses, please visit: yorku.ca/health/general-education-approvedhhcourses/</p>	<p>Note 4: Students have the option to take specified Faculty of Health courses to fulfill their social sciences general education requirements. Courses offered by the Faculty of Health that are used to fulfill the social sciences general education credits may not also count as credits towards the major. For a list of courses, please visit: yorku.ca/health/general-education-approvedhhcourses/</p>	<p>Note 4: Students have the option to take specified Faculty of Health courses to fulfill their social sciences general education requirements. Courses offered by the Faculty of Health that are used to fulfill the social sciences general education credits may not also count as credits towards the major. For a list of courses, please visit: yorku.ca/health/general-education-approvedhhcourses/</p>
<p>Major credits: students must complete a minimum of 42 credits in the major as follows:</p>	<p>Major credits: students must complete a minimum of 42 credits in the major as follows:</p>	<p>Major credits: students must complete a minimum of 42 credits in the major as follows:</p>
<ul style="list-style-type: none"> • HH/HLST 1010 3.00 and HH/HLST 1011 3.00 • HH/HLST 2010 3.00 • HH/HLST 2020 3.00 • HH/HLST 2030 3.00 • HH/HLST 2040 3.00 • HH/HLST 2300 6.00 • HH/HLST 3120 3.00 • HH/HLST 3230 3.00 • HH/HLST 3341 3.00 • HH/HLST 4010 3.00 • HH/HLST 4200 6.00 	<ul style="list-style-type: none"> • HH/HLST 1010 3.00 and HH/HLST 1011 3.00 • HH/HLST 2010 3.00 • HH/HLST 2020 3.00 • HH/HLST 2030 3.00 • HH/HLST 2040 3.00 • HH/HLST 2300 6.00 • HH/HLST 3120 3.00 • HH/HLST 3230 3.00 • HH/HLST 3341 3.00 • HH/HLST 4010 3.00 • HH/HLST 4200 6.00 	<ul style="list-style-type: none"> • HH/HLST 1010 3.00 and HH/HLST 1011 3.00 • HH/HLST 2010 3.00 • HH/HLST 2020 3.00 • HH/HLST 2030 3.00 • HH/HLST 2040 3.00 • HH/HLST 2300 6.00 • HH/HLST 3120 3.00 • HH/HLST 3230 3.00 • HH/HLST 3341 3.00 • HH/HLST 4010 3.00 • HH/HLST 4200 6.00
<p>Upper-level credits: a minimum of 36 credits must be taken at the 3000 level or 4000 level, including at least 18 credits at the 4000 level.</p>	<p>Upper-level credits: a minimum of 36 credits must be taken at the 3000 level or 4000 level, including at least 18 credits at the 4000 level.</p>	<p>Upper-level credits: a minimum of 36 credits must be taken at the 3000 level or 4000 level, including at least 18 credits at the 4000 level.</p>

<p>Electives: additional credits as required for an overall total of at least 120 credits. Elective credits may be used to fulfil upper-level credits.</p>	<p>Electives: additional credits as required for an overall total of at least 120 credits. Elective credits may be used to fulfil upper-level credits.</p>	<p>Electives: additional credits as required for an overall total of at least 120 credits. Elective credits may be used to fulfil upper-level credits.</p>
<p>Honours Double Major BHS Program</p> <p>The Honours BHS program described above may be pursued jointly with Honours Double Major bachelor's degree programs in the Faculty of Environmental and Urban Change, the Faculty of Health, the Faculty of Liberal Arts & Professional Studies, the Faculty of Science or the Lassonde School of Engineering. For further details on requirements, contact the respective Faculty.</p>	<p>Honours Double Major BHS Program</p> <p>The Honours BHS program described above may be pursued jointly with Honours Double Major bachelor's degree programs in the Faculty of Environmental and Urban Change, the Faculty of Health, the Faculty of Liberal Arts & Professional Studies, the Faculty of Science or the Lassonde School of Engineering. For further details on requirements, contact the respective Faculty.</p>	<p>Honours Double Major BHS Program</p> <p>The Honours BHS program described above may be pursued jointly with Honours Double Major bachelor's degree programs in the Faculty of Environmental and Urban Change, the Faculty of Health, the Faculty of Liberal Arts & Professional Studies, the Faculty of Science or the Lassonde School of Engineering. For further details on requirements, contact the respective Faculty.</p>
<p>Honours Major/Minor BHS Program</p> <p>The Honours BHS program described above may be pursued jointly with any Honours Minor bachelor's degree program in the Faculty of Environmental and Urban Change, the Faculty of Health, the Faculty of Liberal Arts & Professional Studies, the Faculty of Science or the Lassonde School of Engineering as listed in the Faculty of Health <i>Rules and Regulations</i> section of the <i>Faculty Rules</i>.</p>	<p>Honours Major/Minor BHS Program</p> <p>The Honours BHS program described above may be pursued jointly with any Honours Minor bachelor's degree program in the Faculty of Environmental and Urban Change, the Faculty of Health, the Faculty of Liberal Arts & Professional Studies, the Faculty of Science or the Lassonde School of Engineering as listed in the Faculty of Health <i>Rules and Regulations</i> section of the <i>Faculty Rules</i>.</p>	<p>Honours Major/Minor BHS Program</p> <p>The Honours BHS program described above may be pursued jointly with any Honours Minor bachelor's degree program in the Faculty of Environmental and Urban Change, the Faculty of Health, the Faculty of Liberal Arts & Professional Studies, the Faculty of Science or the Lassonde School of Engineering as listed in the Faculty of Health <i>Rules and Regulations</i> section of the <i>Faculty Rules</i>.</p>
<p>Health Studies (BHS Program): 90 Credits</p>	<p>Health Studies (BHS Program): 90 Credits</p>	<p>Health Studies (BHS Program): 90 Credits</p>
<p>Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program</p>	<p>Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program</p>	<p>Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program</p>

<p>major/minor must be taken at York University.</p> <p>Graduation requirement: all graduates must complete a total of at least 90 credits, with a minimum cumulative grade point average of 4.00 (C).</p>	<p>major/minor must be taken at York University.</p> <p>Graduation requirement: all graduates must complete a total of at least 90 credits, with a minimum cumulative grade point average of 4.00 (C).</p>	<p>major/minor must be taken at York University.</p> <p>Graduation requirement: all graduates must complete a total of at least 90 credits, with a minimum cumulative grade point average of 4.00 (C). 1.7 (C-).</p>
<p>General education: a minimum of 18 credits as follows:</p> <ul style="list-style-type: none"> • six credits at the 1000 level in approved Faculty of Health general education or humanities categories approved by the Faculty of Liberal Arts & Professional Studies • six credits at the 1000 level in approved Faculty of Health general education or social science categories approved by the Faculty of Liberal Arts & Professional Studies • six credits at the 1000 level in natural science (NATS) offered by the Faculty of Science 	<p>General education: a minimum of 18 credits as follows:</p> <ul style="list-style-type: none"> • six credits at the 1000 level in approved Faculty of Health general education or humanities categories approved by the Faculty of Liberal Arts & Professional Studies • six credits at the 1000 level in approved Faculty of Health general education or social science categories approved by the Faculty of Liberal Arts & Professional Studies • six credits at the 1000 level in natural science (NATS) offered by the Faculty of Science 	<p>General education: a minimum of 18 credits as follows:</p> <ul style="list-style-type: none"> • six credits at the 1000 level in approved Faculty of Health general education or humanities categories approved by the Faculty of Liberal Arts & Professional Studies • six credits at the 1000 level in approved Faculty of Health general education or social science categories approved by the Faculty of Liberal Arts & Professional Studies • six credits at the 1000 level in natural science (NATS) offered by the Faculty of Science
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<p>Major credits: students must complete a minimum of 30 credits in the major including the following:</p> <ul style="list-style-type: none"> • HH/HLST 1010 3.00 and HH/HLST 1011 3.00 • HH/HLST 2010 3.00 • HH/HLST 2020 3.00 • HH/HLST 2030 3.00 • HH/HLST 2040 3.00 • at least 12 additional credits in health studies (HLST) credits at the 3000 level 	<p>Major credits: students must complete a minimum of 30 credits in the major including the following:</p> <ul style="list-style-type: none"> • HH/HLST 1010 3.00 and HH/HLST 1011 3.00 • HH/HLST 2010 3.00 • HH/HLST 2020 3.00 • HH/HLST 2030 3.00 • HH/HLST 2040 3.00 • at least 12 additional credits in health studies (HLST) credits at the 3000 level 	<p>Major credits: students must complete a minimum of 30 credits in the major including the following:</p> <ul style="list-style-type: none"> • HH/HLST 1010 3.00 and HH/HLST 1011 3.00 • HH/HLST 2010 3.00 • HH/HLST 2020 3.00 • HH/HLST 2030 3.00 • HH/HLST 2040 3.00 • at least 12 additional credits in health studies (HLST) credits at the 3000 level
<p>Upper-level credits: at least 18 credits at the 3000 level or 4000 level, including at least 12 credits at the 3000 level or 4000 level in health studies.</p>	<p>Upper-level credits: at least 18 credits at the 3000 level or 4000 level, including at least 12 credits at the 3000 level or 4000 level in health studies.</p>	<p>Upper-level credits: at least 18 credits at the 3000 level or 4000 level, including at least 12 credits at the 3000 level or 4000 level in health studies.</p>
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<p>following courses are acceptable substitutes for the purpose of meeting program requirements:</p> <table border="1"> <thead> <tr> <th>PROGRAM COURSE</th><th>COURSE SUBSTITUTES</th></tr> </thead> <tbody> <tr> <td>AP/ECON 1000 3.00</td><td>GL/ECON 2500 3.00</td></tr> <tr> <td>AP/POLS 2910 6.00 (cross listed to: AP/PPAS 2910 6.00)</td><td>AK/POLS 3420 6.00 (prior to summer 2005) AS/POLS 2100 6.00 (prior to summer 2003) AS/POLS 2610 6.00 (prior to summer 2003) GL/POLS 2600 6.00</td></tr> <tr> <td>HH/HLST 2010 3.00</td><td>HH/HLST 3510 3.00</td></tr> <tr> <td>HH/HLST 3320 3.00</td><td>AP/ITEC 3220 3.00</td></tr> <tr> <td>HH/HLST 4300 3.00</td><td>HH/NURS 4200 3.00</td></tr> <tr> <td>HH/HLST 4310 3.00</td><td>AP/ITEC 3010 3.00</td></tr> <tr> <td>HH/HLST 4330 3.00</td><td>AP/ADMS 4300 3.00</td></tr> </tbody> </table>	PROGRAM COURSE	COURSE SUBSTITUTES	AP/ECON 1000 3.00	GL/ECON 2500 3.00	AP/POLS 2910 6.00 (cross listed to: AP/PPAS 2910 6.00)	AK/POLS 3420 6.00 (prior to summer 2005) AS/POLS 2100 6.00 (prior to summer 2003) AS/POLS 2610 6.00 (prior to summer 2003) GL/POLS 2600 6.00	HH/HLST 2010 3.00	HH/HLST 3510 3.00	HH/HLST 3320 3.00	AP/ITEC 3220 3.00	HH/HLST 4300 3.00	HH/NURS 4200 3.00	HH/HLST 4310 3.00	AP/ITEC 3010 3.00	HH/HLST 4330 3.00	AP/ADMS 4300 3.00	<p>following courses are acceptable substitutes for the purpose of meeting program requirements:</p> <table border="1"> <thead> <tr> <th>PROGRAM COURSE</th><th>COURSE SUBSTITUTES</th></tr> </thead> <tbody> <tr> <td>HH/HLST 2010 3.00</td><td>HH/HLST 3510 3.00</td></tr> <tr> <td>HH/HLST 3320 3.00</td><td>AP/ITEC 3220 3.00</td></tr> <tr> <td>HH/HLST 4300 3.00</td><td>HH/NURS 4200 3.00</td></tr> <tr> <td>HH/HLST 4310 3.00</td><td>AP/ITEC 3010 3.00</td></tr> <tr> <td>HH/HLST 4330 3.00</td><td>AP/ADMS 4300 3.00</td></tr> </tbody> </table>	PROGRAM COURSE	COURSE SUBSTITUTES	HH/HLST 2010 3.00	HH/HLST 3510 3.00	HH/HLST 3320 3.00	AP/ITEC 3220 3.00	HH/HLST 4300 3.00	HH/NURS 4200 3.00	HH/HLST 4310 3.00	AP/ITEC 3010 3.00	HH/HLST 4330 3.00	AP/ADMS 4300 3.00	<p>following courses are acceptable substitutes for the purpose of meeting program requirements:</p> <table border="1"> <thead> <tr> <th>PROGRAM COURSE</th><th>COURSE SUBSTITUTES</th></tr> </thead> <tbody> <tr> <td>HH/HLST 2010 3.00</td><td>HH/HLST 3510 3.00</td></tr> <tr> <td>HH/HLST 3320 3.00</td><td>AP/ITEC 3220 3.00</td></tr> <tr> <td>HH/HLST 4300 3.00</td><td>HH/NURS 4200 3.00</td></tr> <tr> <td>HH/HLST 4310 3.00</td><td>AP/ITEC 3010 3.00</td></tr> <tr> <td>HH/HLST 4330 3.00</td><td>AP/ADMS 4300 3.00</td></tr> </tbody> </table>	PROGRAM COURSE	COURSE SUBSTITUTES	HH/HLST 2010 3.00	HH/HLST 3510 3.00	HH/HLST 3320 3.00	AP/ITEC 3220 3.00	HH/HLST 4300 3.00	HH/NURS 4200 3.00	HH/HLST 4310 3.00	AP/ITEC 3010 3.00	HH/HLST 4330 3.00	AP/ADMS 4300 3.00
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<p>Health Management (Specialized Honours BHS Program): 120 Credits</p> <p>Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.</p> <p>Graduation requirement: all graduates must complete a total of at least 120 credits with a minimum overall cumulative grade point average of 5.00 (C+).</p>	<p>Health Policy, Management & Digital Health (Specialized Honours BHS Program): 120 Credits</p> <p>Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.</p> <p>Graduation requirement: all graduates must complete a total of at least 120 credits with a minimum overall cumulative grade point average of 5.00 (C+).</p>	<p>Health Policy, Management & Digital Health (Specialized Honours BHS Program): 120 Credits</p> <p>Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.</p> <p>Graduation requirement: all graduates must complete a total of at least 120 credits with a minimum overall cumulative grade point average of 5.00 (C+) 2.0 (C).</p>																																								

<p>sciences general education requirements. Courses offered by the Faculty of Health that are used to fulfill the social sciences general education credits may not also count as credits towards the major. For a list of courses, please visit: yorku.ca/health/general-education-approvedhhcourses/</p> <p>Major credits: Students must complete a minimum of 69 major credits (36 core course credits and 33 health management course credits) as follows:</p> <p>Core Courses (36 credits)</p> <ul style="list-style-type: none"> • AP/ECON 1000 3.00 • AP/ECON 3510 3.00 • HH/HLST 1010 3.00 and HH/HLST 1011 3.00 • HH/HLST 2010 3.00 • HH/HLST 2020 3.00 • HH/HLST 2030 3.00 • HH/HLST 2040 3.00 • HH/HLST 2300 6.00 • HH/HLST 3120 3.00 • HH/HLST 3230 3.00 • HH/HLST 3341 3.00 • HH/HLST 4010 3.00 • HH/HLST 4010 3.00 <p>Health Management Courses (33 credits)</p> <ul style="list-style-type: none"> • AP/ADMS 1000 3.00 • HH/HLST 3230 3.00 • HH/HLST 3400 3.00 • HH/HLST 3260 3.00 • HH/HLST 3265 3.00 • HH/HLST 4200 6.00 • HH/HLST 4210 3.00 • HH/HLST 4250 3.00 • HH/HLST 4330 3.00 • select one of: <ul style="list-style-type: none"> ◦ HH/HLST 3060 3.00 ◦ HH/HLST 3015 3.00 ◦ HH/HLST 3240 3.00 ◦ HH/HLST 3540 3.00 ◦ HH/HLST 4320 3.00 ◦ AP/ADMS 2600 3.00 ◦ AP/ADMS 3120 3.00 	<p>sciences general education requirements. Courses offered by the Faculty of Health that are used to fulfill the social sciences general education credits may not also count as credits towards the major. For a list of courses, please visit: yorku.ca/health/general-education-approvedhhcourses/</p> <p>Major credits: Students must complete a minimum of 72 credits in health policy, management and digital health.</p> <p>Core Courses (42 credits):</p> <ul style="list-style-type: none"> • HH/HLST 1010 3.00 and HH/HLST 1011 3.00 • HH/HLST 2010 3.00 • HH/HLST 2020 3.00 • HH/HLST 2030 3.00 • HH/HLST 2040 3.00 • HH/HLST 2300 6.00 • HH/HLST 3120 3.00 • HH/HLST 3230 3.00 • HH/HLST 3341 3.00 • HH/HLST 4010 3.00 • HH/HLST 4200 6.00 	<p>sciences general education requirements. Courses offered by the Faculty of Health that are used to fulfill the social sciences general education credits may not also count as credits towards the major. For a list of courses, please visit: yorku.ca/health/general-education-approvedhhcourses/</p> <p>Major credits: Students must complete a minimum of 72 credits in health policy, management and digital health.</p> <p>Core Courses (42 credits):</p> <ul style="list-style-type: none"> • HH/HLST 1010 3.00 and HH/HLST 1011 3.00 • HH/HLST 2010 3.00 • HH/HLST 2020 3.00 • HH/HLST 2030 3.00 • HH/HLST 2040 3.00 • HH/HLST 2300 6.00 • HH/HLST 3120 3.00 • HH/HLST 3230 3.00 • HH/HLST 3341 3.00 • HH/HLST 4010 3.00 • HH/HLST 4200 6.00
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~~o AP/ADMS 4525 3.00~~

Upper-level credits: a minimum of 36 credits must be taken at the 3000 level or 4000 level, including at least 18 credits at the 4000 level.

Electives: additional credits as required for an overall total of at least 120 credits. Elective credits may be used to fulfil upper-level credits.

Honours Minor in Health Management

The Honours Minor program in Health Management comprises of at least 33 credits in health management. These include the following:

- HH/HLST 1010
3.00 and HH/HLST 1011
3.00
- HH/HLST 2030 3.00
- HH/HLST 2010 3.00
- HH/HLST 3230 3.00
- HH/HLST 3260 3.00
- HH/HLST 3265 3.00
- HH/HLST 3400 3.00
- HH/HLST 4010
3.00 or HH/HLST 4000 3.00
- HH/HLST 4210 3.00
- HH/HLST 4250
3.00 or HH/HLST 4330 3.00

Course Substitutes

Subject to course exclusions, program requirements/restrictions, and residence requirements, the following courses are acceptable substitutes for the purpose of meeting program requirements:

Upper-level credits: a minimum of 36 credits must be taken at the 3000 level or 4000 level, including at least 18 credits at the 4000 level.

Electives: additional credits as required for an overall total of at least 120 credits. Elective credits may be used to fulfil upper-level credits.

Honours Minor in Health Policy, Management & Digital Health
The Honours Minor program in Health Policy, Management & Digital Health comprises at least 30 credits in health studies. These include:

- HH/HLST 1010
3.00 and HH/HLST 1011
3.00
- HH/HLST 2010 3.00
- HH/HLST 2020 3.00
- HH/HLST 2030 3.00
- HH/HLST 2040 3.00
- Select two of:
 - HH/HLST 3120
3.00
 - HH/HLST 3230
3.00
 - HH/HLST 3341
3.00
- HH/HLST 4010 3.00
- at least 3 additional credits in health studies (HLST) credits at the 4000 level

Course Substitutes

Subject to course exclusions, program requirements/restrictions, and residence requirements, the following courses are acceptable substitutes for the purpose of meeting program requirements:

Upper-level credits: a minimum of 36 credits must be taken at the 3000 level or 4000 level, including at least 18 credits at the 4000 level.

Electives: additional credits as required for an overall total of at least 120 credits. Elective credits may be used to fulfil upper-level credits.

Honours Minor in Health Policy, Management & Digital Health
The Honours Minor program in Health Policy, Management & Digital Health comprises at least 30 credits in health studies. These include:

- HH/HLST 1010
3.00 and HH/HLST 1011
3.00
- HH/HLST 2010 3.00
- HH/HLST 2020 3.00
- HH/HLST 2030 3.00
- HH/HLST 2040 3.00
- Select two of:
 - HH/HLST 3120
3.00
 - HH/HLST 3230
3.00
 - HH/HLST 3341
3.00
- HH/HLST 4010 3.00
- at least 3 additional credits in health studies (HLST) credits at the 4000 level

Course Substitutes

Subject to course exclusions, program requirements/restrictions, and residence requirements, the following courses are acceptable substitutes for the purpose of meeting program requirements:

PROGRAM COURSE	COURSE SUBSTITUTES	PROGRAM COURSE	COURSE SUBSTITUTES	PROGRAM COURSE	COURSE SUBSTITUTES
AP/ECON 1000 3.00	GL/ECON 2500 3.00	HH/HLST 2010 3.00	HH/HLST 3510 3.00	HH/HLST 2010 3.00	HH/HLST 3510 3.00
AP/POLS 2910 6.00 (cross-listed to: AP/PPAS 2910) 6.00)	AK/POLS 3420 6.00 (prior to summer 2005) AS/POLS 2100 6.00 (prior to summer 2003) AS/POLS 2610 6.00 (prior to summer 2003) GL/POLS 2600 6.00	HH/HLST 3320 3.00	AP/ITEC 3220 3.00	HH/HLST 3320 3.00	AP/ITEC 3220 3.00
		HH/HLST 4300 3.00	HH/NURS 4200 3.00	HH/HLST 4300 3.00	HH/NURS 4200 3.00
		HH/HLST 4310 3.00	AP/ITEC 3010 3.00	HH/HLST 4310 3.00	AP/ITEC 3010 3.00
		HH/HLST 4330 3.00	AP/ADMS 4300 3.00	HH/HLST 4330 3.00	AP/ADMS 4300 3.00
Health Informatics (Specialized Honours BHS Program): 120 Credits					
Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.					
Graduation requirement: all graduates must complete a total of at least 120 credits with a minimum overall cumulative grade point average of 5.00 (C+).					
General education: a minimum of 18 credits as follows:					
• six credits at the 1000 level in approved Faculty of Health general education or humanities categories approved by the Faculty of Liberal Arts & Professional Studies					

- six credits at the 1000 level in approved Faculty of Health general education or social science categories approved by the Faculty of Liberal Arts & Professional Studies
- six credits at the 1000 level in natural science (NATS) offered by the Faculty of Science

Note 1: It is strongly recommended that students complete the general education requirements above within their first 54 credits.

Note 2: Students may complete a maximum of 30 credits in general education; any additional credits not being used to fulfil general education may count toward electives.

Note 3: General education requirements are satisfied by taking natural science courses, approved humanities or social science categories courses and Faculty of Health general education courses. For further information please visit yorku.ca/health/academic_resources/general_education_requirements/.

Note 4: Students have the option to take specified Faculty of Health courses to fulfill their social sciences general education requirements. Courses offered by the Faculty of Health that are used to fulfill the social sciences general education credits may not also count as credits towards the major. For a list of courses, please visit: yorku.ca/health/general_education_approvedhhcourses/

Major credits:

Students must complete a minimum of 66 major credits (36 core course

~~credits and 30 health informatics course credits) as follows:~~

Core Courses (36 credits)

- ~~AP/ECON 1000~~ 3.00
- ~~AP/ECON 3510~~ 3.00
- ~~HH/HLST 1010~~
3.00 and ~~HH/HLST 1011~~
3.00
- ~~HH/HLST 2010~~ 3.00
- ~~HH/HLST 2020~~ 3.00
- ~~HH/HLST 2030~~ 3.00
- ~~HH/HLST 2040~~ 3.00
- ~~HH/HLST 2300~~ 6.00
- ~~HH/HLST 4000~~ 3.00
- ~~HH/HLST 4010~~ 3.00

Health Informatics Courses (30 credits)

- ~~AP/ITEC 1010~~ 3.00
- ~~HH/HLST 3310~~
3.00 or ~~HH/NURS 3240~~ 3.00
- ~~HH/HLST 3320~~ 3.00
- ~~HH/HLST 3341~~ 3.00
- ~~HH/HLST 4200~~ 6.00
- ~~HH/HLST 4310~~
3.00 or ~~AP/ITEC 3010~~ 3.00
- ~~HH/HLST 4320~~ 3.00
- ~~HH/HLST 4330~~ 3.00
- select one of:
 - ~~HH/HLST 3060~~ 3.00
 - ~~HH/HLST 3230~~ 3.00
 - ~~HH/HLST 4300~~ 3.00
 - ~~HH/HLST 4340~~
3.00 or ~~AP/ITEC~~
~~1620~~ 3.00

Upper-level credits: a minimum of 36 credits must be taken at the 3000 level or 4000 level, including at least 18 credits at the 4000 level.

Electives: additional credits as required for an overall total of at least 120 credits. Elective credits may be used to fulfil upper level credits.

Honours Minor in Health Informatics

The Honours Minor program in Health Informatics comprises of at least 30 credits in health informatics. These include the following:

- ~~HH/HLST 1010 3.00 and HH/HLST 1011 3.00~~
- ~~HH/HLST 2030 3.00~~
- ~~HH/HLST 2040 3.00~~
- ~~HH/HLST 3310 3.00~~
- ~~HH/HLST 3320 3.00~~
- ~~HH/HLST 3341 3.00~~
- ~~HH/HLST 4320 3.00~~
- ~~HH/HLST 4330 3.00~~
- ~~HH/HLST 4340 3.00 or HH/HLST 4300 3.00~~

Course Substitutes

~~Subject to course exclusions, program requirements/restrictions, and residence requirements, the following courses are acceptable substitutes for the purpose of meeting program requirements:~~

PROGRAM COURSE	COURSE SUBSTITUTES
AP/ECON 1000 3.00	GL/ECON 2500 3.00
AP/POLS 2910 6.00 (cross-listed to: AP/PPAS 2910 6.00)	AK/POLS 3420 6.00 (prior to summer 2005) AS/POLS 2100 6.00 (prior to summer 2003) AS/POLS 2610 6.00 (prior to summer 2003) GL/POLS 2600 6.00
HH/HLST 2010 3.00	HH/HLST 3510 3.00
HH/HLST 3320 3.00	AP/ITEC 3220 3.00
HH/HLST 4300 3.00	HH/NURS 4200 3.00
HH/HLST 4310 3.00	AP/ITEC 3010 3.00
HH/HLST 4330 3.00	AP/ADMS 4300 3.00

Health Policy (Specialized Honours BHS Program): 120 Credits

Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.

Graduation requirement: all graduates must complete a total of at least 120 credits with a minimum overall cumulative grade point average of 5.00 (C+).

General education: a minimum of 18 credits as follows:

- six credits at the 1000 level in approved Faculty of Health general education or humanities categories approved by the Faculty of Liberal Arts & Professional Studies
- six credits at the 1000 level in approved Faculty of Health general education or social science categories approved by the Faculty of Liberal Arts & Professional Studies
- six credits at the 1000 level in natural science (NATS) offered by the Faculty of Science

Note 1: It is strongly recommended that students complete the general education requirements above within their first 54 credits.

Note 2: Students may complete a maximum of 30 credits in general education; any additional credits not being used to fulfil general education may count toward electives.

<p>Note 3: general education requirements are satisfied by taking natural science courses, approved humanities or social science categories courses and Faculty of Health general education courses. For further information please visit yorku.ca/health/academic-resources/general-education-requirements/.</p> <p>Note 4: Students have the option to take specified Faculty of Health courses to fulfill their social sciences general education requirements. Courses offered by the Faculty of Health that are used to fulfill the social sciences general education credits may not also count as credits towards the major. For a list of courses, please visit: yorku.ca/health/general-education-approvedhlcourses/</p> <p>Major credits: Students must complete a minimum of 66 major credits (36 core course credits and 30 health policy course credits) as follows:</p> <p>Core Courses (36 credits)</p> <ul style="list-style-type: none"> • AP/ECON 1000 3.00 • AP/ECON 3510 3.00 • HH/HLST 1010 3.00 and HH/HLST 1011 3.00 • HH/HLST 2010 3.00 • HH/HLST 2020 3.00 • HH/HLST 2030 3.00 • HH/HLST 2040 3.00 • HH/HLST 2300 6.00 • HH/HLST 4000 3.00 • HH/HLST 4010 3.00 <p>Health Policy Courses (30 credits)</p> <ul style="list-style-type: none"> • AP/PPAS 2110 3.00 and AP/PPAS 1110 3.00 • HH/HLST 3015 3.00 or HH/HLST 3540 3.00 		
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- HH/HLST 3060
3.00 or HH/HLST 3230 3.00
- HH/HLST 3110 3.00
- HH/HLST 3120 3.00
- HH/HLST 4110 3.00
- HH/HLST 4200 6.00
- select one of:
 - HH/HLST 4130 3.00
 - HH/HLST 4140 3.00
 - HH/HLST 4510 3.00

Upper-level credits: a minimum of 36 credits must be taken at the 3000 level or 4000 level including, at least 18 credits at the 4000 level.

Electives: additional credits as required for an overall total of at least 120 credits. Elective credits may be used to fulfil upper-level credits.

Honours Minor in Health Policy

The Honours Minor program in Health Policy comprises of at least 30 credits in health policy. These include the following:

- HH/HLST 1010
3.00 and HH/HLST 1011
3.00
- HH/HLST 2010 3.00
- HH/HLST 2020 3.00
- HH/HLST 3110 3.00
- HH/HLST 3120 3.00
- HH/HLST 3230 3.00
- HH/HLST 4010
3.00 or HH/HLST 4000 3.00
- HH/HLST 4110 3.00
- HH/HLST 4130 3.00

Course Substitutes

Subject to course exclusions, program requirements/restrictions, and residence requirements, the following courses are acceptable substitutes for the purpose of meeting program requirements:

PROGRAM	COURSE	SUBSTITUTES

AP/ECON 1000 3.00	GL/ECON 2500 3.00		
AP/POLS 2910 6.00 (cross-listed to: AP/PPAS 2910 6.00)	AK/POLS 3420 6.00 (prior to summer 2005) AS/POLS 2100 6.00 (prior to summer 2003) AS/POLS 2610 6.00 (prior to summer 2003) GL/POLS 2600 6.00		
HH/HLST 2010 3.00	HH/HLST 3510 3.00		
HH/HLST 3320 3.00	AP/ITEC 3220 3.00		
HH/HLST 4300 3.00	HH/NURS 4200 3.00		
HH/HLST 4310 3.00	AP/ITEC 3010 3.00		
HH/HLST 4330 3.00	AP/ADMS 4300 3.00		

Cross-Disciplinary Certificate in Health Informatics

Admission

This certificate may be taken as a stand-alone certificate by prospective students who meet all of the following conditions.

Applications are submitted to the Admissions Office at York University.

1. They hold community college diplomas with an overall grade point average of B or university degrees with an overall grade point average of C upon application for admission.
2. They are not enrolled in any undergraduate or graduate degree program at York University upon application for admission.
3. They will not be concurrently pursuing any undergraduate or graduate degree program at

Cross-Disciplinary Certificate in Digital Health

Admission

This certificate may be taken as a stand-alone certificate by prospective students who meet all of the following conditions.

Applications are submitted to the Admissions Office at York University.

1. They hold community college diplomas with an overall grade point average of B or university degrees with an overall grade point average of C upon application for admission.
2. They are not enrolled in any undergraduate or graduate degree program at York University upon application for admission.
3. They will not be concurrently pursuing any undergraduate or graduate degree program at

Cross-Disciplinary Certificate in Digital Health

Admission

This certificate may be taken as a stand-alone certificate by prospective students who meet all of the following conditions.

Applications are submitted to the Admissions Office at York University.

4. They hold community college diplomas with an overall grade point average of B or university degrees with an overall grade point average of C upon application for admission.
5. They are not enrolled in any undergraduate or graduate degree program at York University upon application for admission.
6. They will not be concurrently pursuing any undergraduate or graduate degree program at

<p>York University after admission into this certificate program.</p>	<p>York University after admission into this certificate program.</p>	<p>York University after admission into this certificate program.</p>
<p>This certificate may also be taken concurrently with an undergraduate degree at York University. The prospective students apply through the School of Health Policy and Management and they must be enrolled in any undergraduate program at York University upon application. There is no restriction about the type of degree program in which students are enrolled concurrently. The concurrent undergraduate degree must be completed in order to obtain the certificate.</p>	<p>This certificate may also be taken concurrently with an undergraduate degree at York University. The prospective students apply through the School of Health Policy and Management and they must be enrolled in any undergraduate program at York University upon application. There is no restriction about the type of degree program in which students are enrolled concurrently. The concurrent undergraduate degree must be completed in order to obtain the certificate.</p>	<p>This certificate may also be taken concurrently with an undergraduate degree at York University. The prospective students apply through the School of Health Policy and Management and they must be enrolled in any undergraduate program at York University upon application. There is no restriction about the type of degree program in which students are enrolled concurrently. The concurrent undergraduate degree must be completed in order to obtain the certificate.</p>
<h3>Certificate Requirements</h3>	<h3>Certificate Requirements</h3>	<h3>Certificate Requirements</h3>
<p>Notes</p> <ol style="list-style-type: none"> 1. Additional prerequisites that are not part of the certificate course requirements are waived for students registered in the certificate. 2. AP/ITEC 1000 3.00, HH/HLST 2040 3.00 and HH/HLST 3320 3.00 or HH/NURS 3230 3.00 or AP/ITEC 3220 3.00 must be completed before taking electives or 4000 level courses. 3. Credit requirement: A minimum of 30 credits listed below among which at least 18 credits are unique to the certificate. 4. Residency requirement: At least 18 credits must be completed at York University. 5. Graduating with a certificate: <ol style="list-style-type: none"> i. Except where otherwise stated, a minimum cumulative grade point average of 4.0 (C) is 	<p>Notes</p> <ol style="list-style-type: none"> 1. Additional prerequisites that are not part of the certificate course requirements are waived for students registered in the certificate. 2. AP/ITEC 1000 3.00, HH/HLST 2040 3.00 and HH/HLST 3320 3.00 or HH/NURS 3230 3.00 or AP/ITEC 3220 3.00 must be completed before taking electives or 4000 level courses. 3. Credit requirement: A minimum of 30 credits listed below among which at least 18 credits are unique to the certificate. 4. Residency requirement: At least 18 credits must be completed at York University. 5. Graduating with a certificate: <ol style="list-style-type: none"> i. Except where otherwise stated, a minimum cumulative grade point average of 4.0 (C) is 	<p>Notes</p> <ol style="list-style-type: none"> 6. Additional prerequisites that are not part of the certificate course requirements are waived for students registered in the certificate. 7. AP/ITEC 1000 3.00, HH/HLST 2040 3.00 and HH/HLST 3320 3.00 or HH/NURS 3230 3.00 or AP/ITEC 3220 3.00 must be completed before taking electives or 4000 level courses. 8. Credit requirement: A minimum of 30 credits listed below among which at least 18 credits are unique to the certificate. 9. Residency requirement: At least 18 credits must be completed at York University. 10. Graduating with a certificate: <ol style="list-style-type: none"> v. Except where otherwise stated, a minimum cumulative grade point average of 4.0 (C) 2.0 (C) is

<p>required to satisfy certificate requirements.</p>	<p>ii. Students must submit an application to graduate from this certificate program. Applications should be obtained from and filed with the School of Health Policy & Management.</p>	<p>iii. For students who pursue this certificate program simultaneously with an undergraduate degree at York University, the certificate will not be conferred until they have successfully completed an undergraduate degree program at York University. Also, the certificate will not be retroactively awarded if they choose to only graduate with an undergraduate degree from York University.</p>	<p>iv. Transcript notation that the requirements for a certificate have been completed will be made once the Registrar's Office has received notice from the School of Health Policy & Management.</p>	<p>A minimum of 30 credits as follows: Core requirements (18 credits):</p> <ul style="list-style-type: none"> • AP/ITEC 1000 3.00 • HH/HLST 2040 3.00 • HH/HLST 3310 3.00 or HH/NURS 3240 3.00 • HH/HLST 4320 3.00 • HH/HLST 3320 3.00 or HH/NURS 3230 3.00 or AP/ITEC 3220 3.00 • HH/HLST 4300 3.00 or HH/NURS 4200 3.00 <p>A minimum of 12 credits selected from the following courses:</p> <ul style="list-style-type: none"> • AP/ADMS 2511 3.00
<p>required to satisfy certificate requirements.</p>	<p>Students must submit an application to graduate from this certificate program. Applications should be obtained from and filed with the School of Health Policy & Management.</p>	<p>For students who pursue this certificate program simultaneously with an undergraduate degree at York University, the certificate will not be conferred until they have successfully completed an undergraduate degree program at York University. Also, the certificate will not be retroactively awarded if they choose to only graduate with an undergraduate degree from York University.</p>	<p>Transcript notation that the requirements for a certificate have been completed will be made once the Registrar's Office has received notice from the School of Health Policy & Management.</p>	<p>A minimum of 30 credits as follows: Core requirements (18 credits):</p> <ul style="list-style-type: none"> • AP/ITEC 1000 3.00 • HH/HLST 2040 3.00 • HH/HLST 3310 3.00 or HH/NURS 3240 3.00 • HH/HLST 4320 3.00 • HH/HLST 3320 3.00 or HH/NURS 3230 3.00 or AP/ITEC 3220 3.00 • HH/HLST 4300 3.00 or HH/NURS 4200 3.00 <p>A minimum of 12 credits selected from the following courses:</p> <ul style="list-style-type: none"> • AP/ADMS 2511 3.00
<p>required to satisfy certificate requirements.</p>	<p>Students must submit an application to graduate from this certificate program. Applications should be obtained from and filed with the School of Health Policy & Management.</p>	<p>For students who pursue this certificate program simultaneously with an undergraduate degree at York University, the certificate will not be conferred until they have successfully completed an undergraduate degree program at York University. Also, the certificate will not be retroactively awarded if they choose to only graduate with an undergraduate degree from York University.</p>	<p>Transcript notation that the requirements for a certificate have been completed will be made once the Registrar's Office has received notice from the School of Health Policy & Management.</p>	<p>A minimum of 30 credits as follows: Core requirements (18 credits):</p> <ul style="list-style-type: none"> • AP/ITEC 1000 3.00 • HH/HLST 2040 3.00 • HH/HLST 3310 3.00 or HH/NURS 3240 3.00 • HH/HLST 4320 3.00 • HH/HLST 3320 3.00 or HH/NURS 3230 3.00 or AP/ITEC 3220 3.00 • HH/HLST 4300 3.00 or HH/NURS 4200 3.00 <p>A minimum of 12 credits selected from the following courses:</p> <ul style="list-style-type: none"> • AP/ADMS 2511 3.00

- AP/ITEC 1620 3.00
- AP/ITEC 1630 3.00
- AP/ITEC 3020 3.00
- AP/ITEC 3210 3.00
- AP/ITEC 3230 3.00
- AP/ITEC 4010 3.00
- AP/ITEC 4040 3.00
- HH/HLST 3341 3.00
- HH/HLST 4310
3.00 or AP/ITEC 3010 3.00
- HH/HLST 4330 3.00
- HH/HLST 4340 3.00
- HH/NURS 3210 3.00
- HH/NURS 3220 3.00
- HH/NURS 4210 3.00

Course Substitutes

Subject to course exclusions, program requirements/restrictions, and residence requirements, the following courses are acceptable substitutes for the purpose of meeting certificate requirements.

PROGRAM COURSE	COURSE SUBSTITUTE
HH/HLST 2040 3.00	HH/NURS 3200 3.00
HH/HLST 4330 3.00	AP/ADMS 4300 3.00

- AP/ITEC 1620 3.00
- AP/ITEC 1630 3.00
- AP/ITEC 3020 3.00
- AP/ITEC 3210 3.00
- AP/ITEC 3230 3.00
- AP/ITEC 4010 3.00
- AP/ITEC 4040 3.00
- HH/HLST 3341 3.00
- HH/HLST 4310
3.00 or AP/ITEC 3010 3.00
- HH/HLST 4330 3.00
- HH/HLST 4340 3.00
- HH/NURS 3210 3.00
- HH/NURS 3220 3.00
- HH/NURS 4210 3.00

Course Substitutes

Subject to course exclusions, program requirements/restrictions, and residence requirements, the following courses are acceptable substitutes for the purpose of meeting certificate requirements.

PROGRAM COURSE	COURSE SUBSTITUTE
HH/HLST 2040 3.00	HH/NURS 3200 3.00
HH/HLST 4330 3.00	AP/ADMS 4300 3.00

- AP/ITEC 1620 3.00
- AP/ITEC 1630 3.00
- AP/ITEC 3020 3.00
- AP/ITEC 3210 3.00
- AP/ITEC 3230 3.00
- AP/ITEC 4010 3.00
- AP/ITEC 4040 3.00
- HH/HLST 3341 3.00
- HH/HLST 4310
3.00 or AP/ITEC 3010 3.00
- HH/HLST 4330 3.00
- HH/HLST 4340 3.00
- HH/NURS 3210 3.00
- HH/NURS 3220 3.00
- HH/NURS 4210 3.00

Course Substitutes

Subject to course exclusions, program requirements/restrictions, and residence requirements, the following courses are acceptable substitutes for the purpose of meeting certificate requirements.

PROGRAM COURSE	COURSE SUBSTITUTE
HH/HLST 2040 3.00	HH/NURS 3200 3.00
HH/HLST 4330 3.00	AP/ADMS 4300 3.00