

**Faculty of Liberal Arts and Professional Studies**  
**School of Information Technology/ School of Administrative Studies**  
**Bachelor of Commerce- Information Technology (Specialized Honours)**  
**e-Commerce Development Stream Program Checklist for 2023-2024**

<b>GENERAL EDUCATION - 21 Credits</b>	<b>Credit</b>	<b>Complete or Incomplete</b>	<b>Grade</b>	<b>Notes</b>
21 credits at the 1000 level, chosen from 3 different general education categories				
1) Humanities or Social Science:	9.00			
2) Humanities or Social Science: (whichever is not taken in 1)	6.00			
3) Natural Science:	6.00			
<b>Total General Education Credits</b>	<b>21.00</b>			
<b>MAJOR –75 Credits</b>				
<b>(i) Program Core – 60 Credits</b>				
AP/ADMS 1000 Introduction to Business	3.00			
AP/ITEC 1000 Introduction to Information Technologies	3.00			
AP/ITEC 1010 Information and Organizations	3.00			
AP/ITEC 1620 Object-Based Programming	3.00			
AP/ADMS 2500 Introduction to Financial Accounting	3.00			
AP/ADMS 2510 Introduction to Management Accounting	3.00			
AP/ADMS 2511 Management Information Systems	3.00			
AP/ITEC 2610 Object-Oriented Programming	3.00			
AP/ITEC 3010 Systems Analysis and Design I	3.00			
AP/ITEC 3210 Applied Data Communications and Networks	3.00			
AP/ITEC 3220 Using and Designing Database Systems	3.00			
AP/ITEC 4010 Systems Analysis and Design II	3.00			
AP/ITEC 4030 Business Process Management Systems	3.00			
AP/ITEC 4040 Requirements Management	3.00			
SC/MATH 1190 Introduction to Sets and Logic	3.00			
<b>Six credits as follows:</b>	6.00			
AP/ADMS 2320 3.00 and AP/ADMS 3330 3.00 <u>or</u> AP/ITEC 2600 3.00 and SC/MATH 2565 3.00 <u>or</u> AP/ECON 2500 3.00 and AP/ECON 3480 3.00;				
<b>Nine additional credits in ITEC or ADMS from:</b> AP/ADMS 2200 3.00; AP/ADMS 2400 3.00; AP/HRM 2600 3.00; AP/ITEC 2210 3.00; AP/ITEC 2620 3.00; AP/ITEC 3030 3.00; AP/ITEC 3500 3.00; AP/ITEC 3505 3.00; AP/ITEC 4000 3.00; AP/ITEC 4100 3.00; AP/ITEC 4101 3.00; AP/ITEC 4230 3.00.				
	3.00			
	3.00			
	3.00			
<b>(ii) Stream: an additional 15 credits from one of the streams:</b>				
AP/ITEC 3020 3.00 Web Technologies	3.00			
AP/ITEC 3230 3.00 Designing User Interfaces	3.00			
AP/ITEC 4020 3.00 Internet Client-Server Systems	3.00			
AP/ITEC 4220 3.00 Modern Approaches to Data Management	3.00			
AP/ITEC 4305 3.00 Web Mining	3.00			
<b>Total Major Credits</b>	<b>75.00</b>			
<b>Credits Outside the Major – at least 18 Credits</b>				
AP/ECON 1000 Intro to Microeconomics	3.00			
AP/ECON 1010 Intro to Macroeconomics	3.00			
AP/WRIT 2201 Effective Writing and Research in IT	3.00			
Course Outside ITEC:	3.00			
Course Outside ITEC:	6.00			
<b>Total Credits Outside the Major</b>	<b>18.00</b>			
<b>Free Choice: 6 Credit (Could be extra ITEC courses) (6 or 2x3)</b>	<b>6.00</b>			
Any course:	6.00			
<b>TOTAL DEGREE CREDITS</b>	<b>120.00</b>			

Additional Notes:

## Requirement Checklist and Notes

(To ensure graduation, each box must be checked completed)

- Residency Requirement: A minimum of 30 course credits and at least half (50 percent) of the course credits required in each undergraduate degree program major/minor must be taken at York University
- Upper-level Requirement: At least 36 credits must be at the 3000 or 4000-level, including at least 18 credits must be at the 4000 level.
- Cumulative grade point average of at least 5.0 and declared subject grade point average of at least 5.5

NOTE: For the **general education** category, a minimum of 6.0 credits must be chosen from each of Humanities, Natural Science and Social Science. General Education courses are offered at the 1000 level. A maximum of 9 credits in Humanities and Social Science will count towards fulfillment of the General Education 21 credit requirements.

**PLEASE NOTE:** This manual Degree Checklist is **only a guide** designed to assist students with degree requirements and course selection. It is not intended as the official confirmation of a student's eligibility to graduate as requirements may change from year to year. Satisfaction of all degree requirements will be officially determined by the Registrar's Office upon application to graduate. Students are advised to make sure they are following the correct degree requirements by checking the Undergraduate Academic Calendar of the year in which they entered their program.

### Academic Advising & Department Information:

School of Administrative Studies, 282 Atkinson Bldg. (416) 736-5210, [apsas@yorku.ca](mailto:apsas@yorku.ca)

School of Information Technology, 3068 Victor Dahdaleh Building, (416) 736-2100 ext 40797, [lapsitec@yorku.ca](mailto:lapsitec@yorku.ca)

**Registration & Fees:** Registration Services, Bennett Centre for Student Services (416) 872-YORK (9675)