Revision for COMP 252

Proposal Reference Number	: 12826
PRN Alias	: 17-18#305
Version No	: 7
Submitted By	: Mr Michael Langer
Edited By	: Mr Michael Langer

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Summary of Changes | **Prerequisites, Restrictions, Supplementary Calendar Info**

	Current Data	New Data
Program Affected?		N
Program Change Form Submitted?		
Subject/Course/Term	COMP 252 • one term	
Credit Weight or CEU's	3 credits.	
Course Activities	• A - Lecture • OT - Optional Tutorial	
Course Title	**Course Title on Transcript** — Honours Algorithms&Data Struct **Course Title on Calendar** — Honours Algorithms and Data Structures.	
Rationale		[Prerequisite] Students in some Honours Math programs take MATH 235 instead of MATH 240. This has been the situation for many years and history has shown that such students have sufficient mathematical maturity to handle COMP 252. Dept. Math&Stats has asked us to formalize this situation to avoid confusion. [Restrictions:] (1) There are several Honours programs that require this course. Rather than listing them all and possibly having to update for future new ones, we instead just say for Honours students only. (2) The wording of the COMP 251 restriction was changed to rule out a situation in which a students tries to take COMP 251 after COMP 252. [Supp. Calendar Info] Students with the MATH 235 prereq who are unfamiliar with basic combinatorial methods will need to learn the basics on their own. The course has been running for many years and this has not been an issue in the past.
Responsible Instructor		
Course Description	The design and analysis of data structures and algorithms. The description of various computational problems and the algorithms	

	that can be used to solve them, along with their associated data structures. Proving the correctness of algorithms and determining their computational complexity.	
Teaching Dept.	0155 : Computer Science	
Administering Faculty/Unit	SC : Faculty of Science	
Prerequisites	Prerequisite: COMP 250 and MATH 240	**Prerequisite: COMP 250 and either MATH 235 or MATH 240** Web Registration Blocked? : N
Corequisites		
Restrictions	• Restrictions: Open only to students registered in following programs: Honours in Computer Science, Joint Honours in Mathematics and Computer Science, Honours in Applied Mathematics, Honours in Mathematics. Not open to students who have taken or are taking COMP 251.	**• Restrictions: (1) Open only to students in Honours programs. (2) Students cannot receive credit for both COMP 251 and COMP 252.**
Supplementary Calendar Info	1. 3 hours	1. 3 hours 2. **COMP 252 uses basic combinatorial counting methods that are covered in MATH 240 but not in MATH 235. Students who are unfamiliar with these methods should speak with the instructor for guidance.**
Additional Course Charges		
Campus		
Projected Enrollment		
Requires Resources Not Currently Available		
Explanation for Required Resources		
Consultation Reports Attached?		Y • prereq changes for COMP 252, COMP 330.pdf View
Effective Term of Implementation		201809
File Attachments		No attachments have been saved yet.
To be completed by the Faculty		
For Continuing Studies Use		

Approvals Summary

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Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP	Version Status
7								**Approved by Departmental Chair** Edited by: Michael Langer on: Oct 20 2017
6								**Approved by Departmental Chair** Edited by: Michael Langer on: Oct 20 2017
5			**Approved** Michael Langer Meeting Date: Oct 19 2017 Approval Date: Oct 20 2017 View Comments					**Approved by Departmental Chair** Edited by: Michael Langer on: Oct 20 2017
4								**Submitted to Department Chair for approval** Edited by: Michael Langer on: Oct 19 2017
3								**Submitted to Department Chair for approval** Edited by: Michael Langer on: Oct 18 2017
2								**Submitted to Department Chair for approval** Edited by: Michael Langer on: Oct 18 2017
1								**Submitted to Department Chair for approval** Created on: Oct 11 2017

Subject: Re: prereq changes for COMP 252, COMP 330
From: "Johanna Neslehova, Prof." <johanna.neslehova@mcgill.ca>
Date: 10/19/2017 2:34 PM
To: Michael Langer <langer@cim.mcgill.ca>
CC: "David Alan Stephens, Prof." <david.stephens@mcgill.ca>, "axel_hundemer@yahoo.com" <hundemer@math.mcgill.ca>

Dear Mike,

I approve these changes, and they do address the issues that we had. Do you need anything more formal than this email?

Thanks a lot for getting it done so quickly,

Johanna

> On Oct 18, 2017, at 8:11 PM, Michael Langer <langer@cim.mcgill.ca> wrote:
>
> Hi Johanna, Louigi,
>
> Please see the attached program change forms for prerequisite changes in COMP courses 252 and 330 which Math & Stats requested.
>
> Can you please confirm that these address the problems that you identified, or let us know if you would like other changes.
>
> Thanks in advance,
>
> Mike
> <COMP 252.pdf><COMP 330.pdf>