

HEC TIMETABLE

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AND GOALS

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01. MOTIVATION AND GOALS

Considering that the actual way of doing a timetable in HEC is inefficient, our goal is to make a more effective and efficient way to create our semester timetable.



HEC TIMETABLE WEBSITE TODAY


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HEC Lausanne - App Website

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Timetable MScM - Module 1 - 2021-2022 - Autumn Semester 2021-2022

»sessions ☐ courses

all groups group A group B

Edition du **7 September 2021**
Valid: du 21 September 2021 au 24 December 2021

Important:

- Information concerning the timetables **can be updated anytime**. The spring timetable is often altered during the autumn semester. Please regularly consult the timetables posted in the BFSH1 or this website to take note of the possible updates.
- Please refer to the [campus map](#) for building locations

Search

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go

	-						Main professor click on the course to see all the teachers						
<p>Monday</p> <table border="1"> <tr> <td>14:15 - 18:00</td> <td>Competitive Strategy Internet 2/73</td> <td>E.Amer Maistriaux 6 cr. - Autumn</td> </tr> </table>								14:15 - 18:00	Competitive Strategy Internet 2/73	E.Amer Maistriaux 6 cr. - Autumn			
14:15 - 18:00	Competitive Strategy Internet 2/73	E.Amer Maistriaux 6 cr. - Autumn											
<p>Tuesday</p> <table border="1"> <tr> <td>08:00 - 12:00</td> <td>Quantitative Methods for Management Amphipôle 315 group A</td> <td>J.Reboulleau 6 cr. - Autumn</td> </tr> <tr> <td>12:30 - 16:00</td> <td>Quantitative Methods for Management Amphipôle 315 group B</td> <td>J.Reboulleau 6 cr. - Autumn</td> </tr> </table>								08:00 - 12:00	Quantitative Methods for Management Amphipôle 315 group A	J.Reboulleau 6 cr. - Autumn	12:30 - 16:00	Quantitative Methods for Management Amphipôle 315 group B	J.Reboulleau 6 cr. - Autumn
08:00 - 12:00	Quantitative Methods for Management Amphipôle 315 group A	J.Reboulleau 6 cr. - Autumn											
12:30 - 16:00	Quantitative Methods for Management Amphipôle 315 group B	J.Reboulleau 6 cr. - Autumn											

Wednesday

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Information: Due to the switch to EDU-ID authentication makes access to the professional calendar temporarily impossible. However, the course calendars and exams schedule are always available. Thank you for your understanding.

CAUTION: For oral exams, it is the time of passage that is displayed. To see the time of preparation please view the detail by clicking on the event.

Nov 2021

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5

Today

15 to 21 Nov 2021

Mon 11/15	Tue 11/16	Wed 11/17	Thu 11/18	Fri 11/19	Sat 11/20	Sun 11/21
07:00						
08:00						
09:00						
10:00						
11:00						
12:00						
13:00						
14:00						

TEC DE MONTERREY TIMETABLE PROGRAM TODAY

TECNOLOGICO DE MONTERREY

Campus Estado de México

Alumno: Glorinelly Rangel Matricula: 00000002 Carrera: LEF09 Periodo: Semestral Ago - Dic de 2010

Concentración: CPXX Modalidad: CMXX Unidades limite: 52.0 UCRA: 52.0

Unidades pagadas: 52.0

Paquetes A Familiares Materias Cursos Detalle Mat Grupos Detalle tipo Resumen

Unidades seleccionadas: 10.0

Clave	Materia	Pr	Uds	Cur	Espec	Detalle
CF1007	Contab admón de costos	0101	8.0	1		
EC1003	Introducción a la carrera LEC	0102	2.0	1		
EC1004	Historia económica	0103	8.0	1		
H1017	Taller de análisis y expr verb	0105	8.0	1		
HS2007	Perspectiva humanística	0106	8.0	1		
MA1002	Matemáticas para ingeniería I	0107	8.0	1		

Click sobre la materia para seleccionar/deseleccionar

Status de grupos: ☒ = Abierto ☐ = Cerrado

☒ = Seleccionado para inscribir ☐ = Revisar atributos del grupo ☐ = Acredita horas servicio social

☐ = Empalmado ☐ = Cerrado y empalmado

Inscribir materias/grupos seleccionados Salir sin cambios

Tec de Monterrey - Sistema de Inscripciones - Selección de horario - Microsoft Internet Explorer

TECNOLOGICO DE MONTERREY

Campus Estado de México

Alumno: Enrique Javier González G Matricula: 00918326 Carrera: LEC07

Modalidad: CMXX Unidades limite: 50.0 Unidades pagadas: 52.0

Paquetes Conclusiones Materias Cursos Detalle Mat Grupos Detalle tipo Resumen

Grupos de la materia: Taller de análisis y expr verb

Status	#	Profesor	Hora	LMSJS	Aceptar	Detalle
<input checked="" type="checkbox"/>	81	Maria Loyola Condreau F	14:00	L M V	Aceptar	Detalle
<input checked="" type="checkbox"/>	50	Leonor Maria Salinas T	7:00	L M V	Aceptar	Detalle
<input checked="" type="checkbox"/>	51	Ma. Guadalupe Martinez O	8:00	L M V	Aceptar	Detalle
<input checked="" type="checkbox"/>	52	Leonor Maria Salinas T	8:00	L M V	Aceptar	Detalle
<input checked="" type="checkbox"/>	53	Roger Dario Sanchez M	8:00	L M V	Aceptar	Detalle
<input checked="" type="checkbox"/>	54	Nora Lizet Castillo A	8:00	L M V	Detalle	Detalle
<input checked="" type="checkbox"/>	55	Zoraida Vázquez M	8:00	L M V	Detalle	Detalle
<input checked="" type="checkbox"/>	56	Ma. Guadalupe Martinez O	9:00	L M V	Empalme	Detalle
<input checked="" type="checkbox"/>	57	Martha Feliz Flores G	9:00	L M V	Empalme	Detalle
<input checked="" type="checkbox"/>	58	Maria Dolores Sáenz J	9:00	L M V	Empalme	Detalle
<input checked="" type="checkbox"/>	59	Nán Chávez P	9:00	L M V	Empalme	Detalle
<input checked="" type="checkbox"/>	60	Claudia Reyes T	9:00	L M V	Empalme	Detalle
<input checked="" type="checkbox"/>	61	Idalia H Villanueva B	10:00	L M V	Empalme	Detalle
<input checked="" type="checkbox"/>	62	Maria Dolores Sáenz J	10:00	L M V	Empalme	Detalle

Click sobre la materia para seleccionar/deseleccionar

Status de grupos: ☒ = Abierto ☐ = Cerrado

☒ = Seleccionado para inscribir ☐ = Revisar atributos del grupo ☐ = Acredita horas servicio social

☐ = Empalmado ☐ = Cerrado y empalmado

Inscribir materias/grupos seleccionados Salir sin cambios

Sistema de Inscripciones - Selección de horarios Internet

02. DATA AND COMPLEXITY



Mercredi

08:30	- 12:00	<u>Fraud and Business Process Analytics</u> Amhipôle 321 Last 7 weeks - 1st lecture 10 Nov	<u>M.Baumgartner</u> 3 cr. - Automne
08:30	- 12:00	<u>Luxury Marketing</u> Internef 121	<u>F.Morhart</u> 6 cr. - Automne
08:30	- 12:00	<u>Strategy and Development Modes</u> Internef 233	<u>X.Castaner</u> 6 cr. - Automne
08:30	- 12:00	<u>Unethical Decision Making - Advanced</u> Anthropole 2055 Last 7 weeks - 1st lecture 10 Nov	<u>U.Hoffrage</u> 3 cr. - Automne
10:15	- 12:00	<u>Unethical Decision Making - Basics</u> Amphimax 410 First 7 weeks/22 Sept-13 Oct-3 Nov in classroom, otherwise online	<u>G.Palazzo</u> 3 cr. - Automne
14:15	- 18:00	<u>Business Case en Marketing</u> Anthropole 3174 22-29 sept / 20-27 oct / 17 nov / 1 déc	<u>V.Uhlmann</u> 6 cr. - Automne
14:15	- 18:00	<u>Human Behavior and Evolutionary Inference</u> Internef 129	<u>C.Efferson</u> 6 cr. - Automne
14:15	- 18:00	<u>Individual Behavior in the Digital Environment</u> Anthropole 2055	<u>T.Schlager</u> 6 cr. - Automne
14:15	- 18:00	<u>Stratégies digitales</u> Internef 237	<u>S.Missonier</u> 6 cr. - Automne
17:15	- 19:00	<u>La recherche dans tous ses états</u> Amphimax 412	<u>D.Preissmann</u> 3 cr. - Automne

DATA AND COMPLEXITY



Semester	Day	Class	Professor	Credits	First_7_Weeks	Last_7_Weeks	Start	End	BA_orientation	BA_Mandatory
2	Wednesday	Forecasting 1	M. Baumgartner	3	1	0	12.50	16.00	1	0
3	Monday	Programming Tools in Data Science	S. Orso	6	1	1	8.50	12.00	1	0

03. OPTIMIZATION



BINARY DECISION VARIABLES

Vector of choices of classes, for each semester

$$choice_{sem} = c(\textcolor{brown}{choice}_1, \dots, \textcolor{blue}{choice}_n)$$

OBJECTIVE FUNCTION

Minimize the total credits per semester

$$\min \sum_1^n choice_i * credits_i = \\ \textcolor{brown}{choice}_1 * \underbrace{credits_1}_6 + \dots + \textcolor{blue}{choice}_n * \underbrace{credits_n}_3$$

OPTIMIZATION

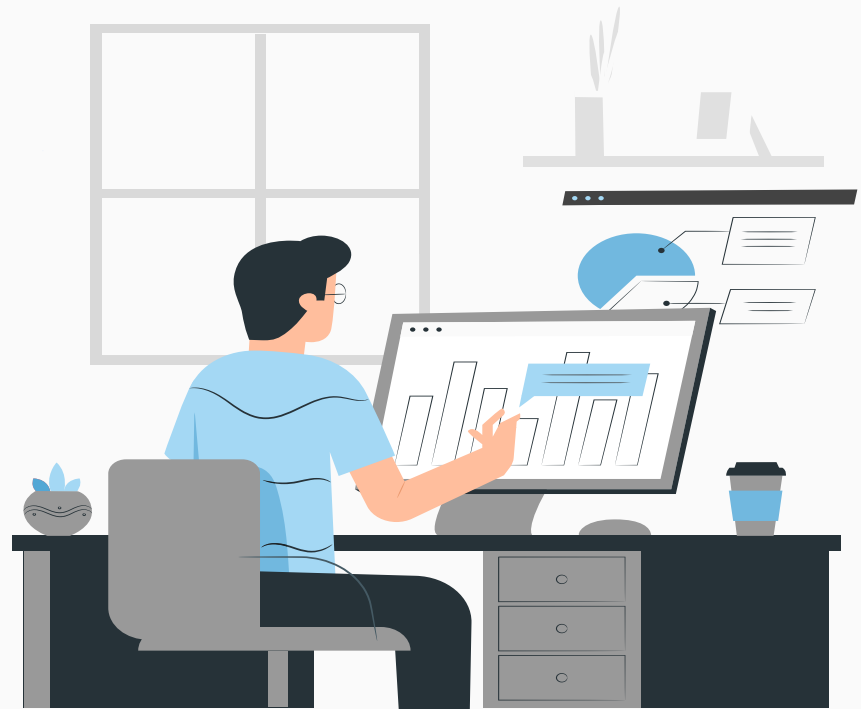
Choice 1
Choice n

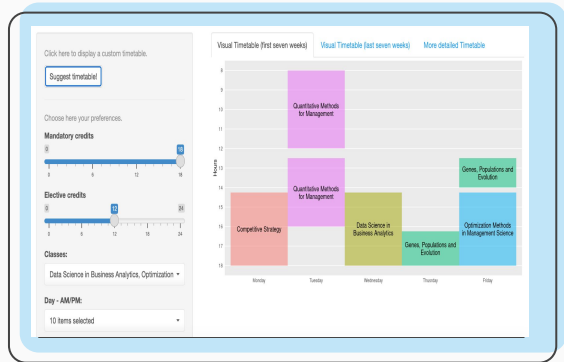
USER'S PREFERENCES

PHYSICAL CONSTRAINTS

	Class 1	...	Class n		
	Min total credits	6		3	
1	Core Credits	6		0	>= 18
	Elective Credits	0		3	>= 12
2	Monday AM	1		0	<= TRUE (default)
	Friday PM	0		1	<= TRUE
3	Class i	1		0	>= FALSE (default)
	Class n	0		1	>= FALSE
4	First Monday 8	1		0	<= 1
	Last Friday 18	0		1	<= 1

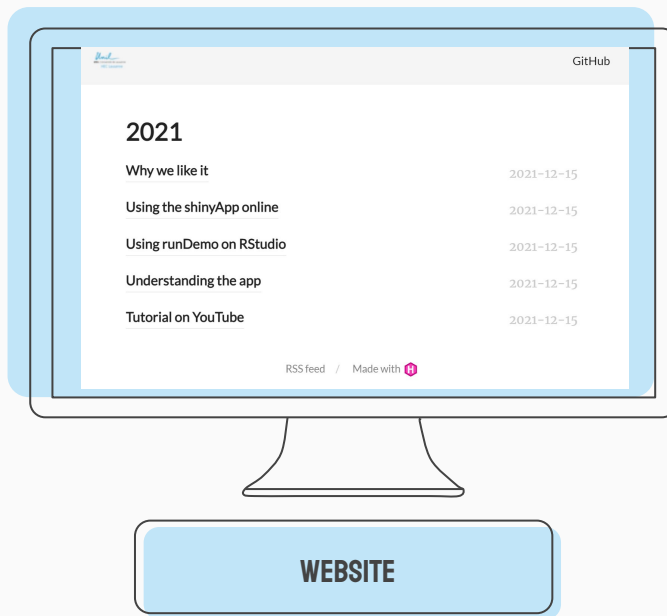
04. FINAL RESULT





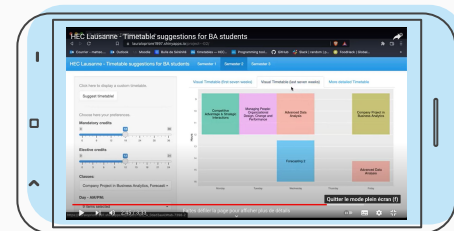
SHINY APP

<https://lauralopriore1997.shinyapps.io/project--G2/>



WEBSITE

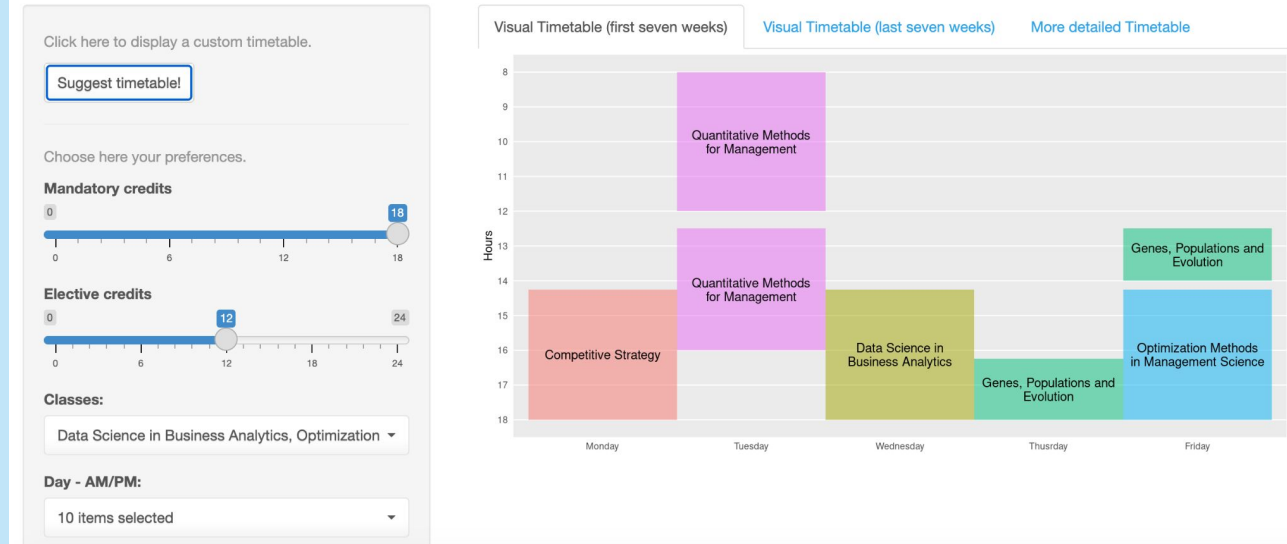
<https://blogdown-g2.netlify.app/>



VIDEO

<https://youtu.be/ELDpShW-nHY>

CONCLUSIONS



**POTENTIAL TO BE
IMPLEMENTED IN A
UNIVERSITY**

→ **WEBSITE = EASY
FOR STUDENTS
AROUND CAMPUS
TO USE IT**

THANKS

Does anyone have any questions?

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