

STIC2M

2013 - 2014

Master [120] in Information and Communication

Science and Technology

At Louvain-la-Neuve - 120 credits - 2 years - Day schedule - In frenchDissertation/Graduation Project : **YES** - Internship : **YES**Activities in English: **NO** - Activities in other languages : **NO**Activities on other sites : **NO**Main study domain : **Information et communication**Organized by: **Faculté de philosophie, arts et lettres (FIAL)**Programme code: **stic2m** - European Qualifications Framework (EQF): 7**Table of contents**

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STIC2M - Introduction

STIC2M - Admission

For the specific conditions of this program : refer to the French version

General and specific admission requirements for this program must be satisfied at the time of enrolling at the university..

STIC2M - Information

Learning outcomes

Starting from basic training in IT, communication and management, the programme chiefly aims to guarantee, from an interdisciplinary point of view, rigorous university training in one of the following fields:

- archiving;
- librarianship and document management;
- book retail or publishing;
- natural language processing.

The programme helps students acquire overall knowledge of one of the fields linked to the focuses, which will help them work in very varied jobs within these sectors, in particular through first-hand experience in the world of work (internships).

Thus, at the end of the two years, depending on his professional focus, the graduate will be able to direct or coordinate centres in charge of collecting, managing and accrediting elements relating to cultural heritage, both in written format and through using new forms of technology; he will also be able to manage the conception and distribution of books and other types of media.

Teaching method

The mandatory professional internships and all that this brings with it guarantee a balance between reflection of a theoretical and practical nature and knowledge of the 'nuts and bolts' of the jobs in question. Interdisciplinary constitutes a fundamental aspect of the training because along with specific courses come other courses borrowed from the faculties of law, economics, social and political science. The learning set-ups are also highly diverse because they include in particular library visits and visits to archive and documentation centres, publishing houses and commercial and cultural businesses.

Evaluation

Evaluation varies depending on the training undertaken: written or oral exams for the courses and seminars, written reports (with or without oral presentation) for the internships and dissertation.

Partner bodies and companies (for the internships) provide an evaluation; the latter will be included in the overall evaluation.

Courses are evaluated according to current university regulations (see General Examination Regulations). Students may find further information on specific evaluation methods in the course descriptions.

Mobility and/or Internationalisation outlook

If Erasmus exchanges normally take part during the 3rd year of the bachelor, students on the master 120 can take 30 credits in other university institutions in Belgium (course can be borrowed from the KULeuven programme, in line with the UCL-KULeuven agreement) or abroad, and/or undertake internships in Belgium or abroad (for the purposes of their end of study dissertation and/or their focus).

Practical information for departing FIAL students : <https://www.uclouvain.be/17371.html>

For more information : [Fabienne de Voghel](#)

Practical information for arriving FIAL students : <https://www.uclouvain.be/280048.html>

For more information : [Cathy Testelmans](#)

Possible trainings at the end of the programme

Other accessible masters :

At the end of the master 120, each focus in the Master in Information and Communication Science and Technology can be obtained in a new year of 30 credits only.

STIC2M - Contacts

Curriculum Managment

Entite de la structure FIAL

Sigle	FIAL	
Dénomination	Faculté de philosophie, arts et lettres	
Adresse	Place Blaise Pascal, 1 bte L3.03.11 1348 Louvain-la-Neuve Tél 010 47 48 50 - Fax 010 47 20 53	
Site web	https://www.uclouvain.be/fial	
Secteur	Secteur des sciences humaines (SSH)	
Faculté	Faculté de philosophie, arts et lettres (FIAL)	
Mandats	Philippe Hiligsmann Bérengère Bonduelle	Doyen Directeur administratif de faculté
Commissions de programme	Commission de programme en histoire de l'art et archéologie (ARKE) Ecole de philosophie (EFIL) Commission de programme en langues et lettres anciennes (GLOR) Commission de programme en histoire (HIST) Commission de programme en langues et lettres anciennes et modernes (LAFR) Commission de programme en linguistique (LING) Commission de programme en langues et lettres modernes (LMOD) Louvain School of Translation and Interpreting (anc. Marie Haps) (LSTI) Commission de programme en communication multilingue (MULT) Commission de programme en langues et lettres françaises et romanes (ROM) Commission de programme en sciences et technologies de l'information et de la communication (STIC) Commission de programme en arts du spectacle (THEA)	

Academic Supervisor : [Jean-Marie Yante](#)

Jury

Président : **Jean-Louis Tilleuil**

Secrétaire : **Cédrick Fairon**

Usefull Contacts

Conseillère aux études : **Fiorella Flamini**

STIC2M - Detailed programme

Programme structure

The programme is made up of:

core courses (75 credits), made up of:

- 28 dissertation credits and 2 credits for the accompanying seminar;

- 45 credits in basic training;

one focus (30 credits);

and one option (15 credits).

Whatever the focus or the options chosen, the programme of this master shall totalize 120 credits, spread over two years of studies each of 60 credits.

Core study

> [Core courses](#) [en-prog-2013-stic2m-lstic200t.html]

Focuses

> [Professional focus:Archives and Records](#) [en-prog-2013-stic2m-lstic909s]

> [Professional focus:Publishing and Bookselling](#) [en-prog-2013-stic2m-lstic911s]

> [Professional focus:Natural Language Processing](#) [en-prog-2013-stic2m-lstic908s]

Options courses

> [Option in Institutions and Administration](#) [en-prog-2013-stic2m-lstic954o.html]

> [Option in Law](#) [en-prog-2013-stic2m-lstic955o.html]

> [Option in Auxiliary Sciences History](#) [en-prog-2013-stic2m-lstic956o.html]

> [Option in Literature](#) [en-prog-2013-stic2m-lstic957o.html]

> [Option in Communication Technics](#) [en-prog-2013-stic2m-lstic958o.html]

> [Option in Sociology](#) [en-prog-2013-stic2m-lstic959o.html]

> [Option in Language and Computer Sciences](#) [en-prog-2013-stic2m-lstic960o.html]

> [Optional courses](#) [en-prog-2013-stic2m-lstic930o.html]

Programme by subject

Core courses [75.0]

● Mandatory

△ Courses not taught during 2013-2014

⊕ Periodic courses taught during 2013-2014

⊗ Optional

⊖ Periodic courses not taught during 2013-2014

‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

● *Dissertation and dissertation seminar (30 credits)*

⊗ for students taking the Professional Focus in Natural Language Processing (30 credits)

● LSTIC2890	Dissertation seminar	N.	15h	2 Credits		x
● LSTIC2891	Dissertation (Part 1)	N.		3 Credits		x
● LSTIC2896	Dissertation (Part 2)	N.		15 Credits		x

						Year	
						1	2
○ LLING9996	Internship in Research group	N.	240h	10 Credits			x

⊗ for students taking the Professional Focus in Publishing and Bookselling, special subject (30 credits)

○ LSTIC2890	Dissertation seminar	N.	15h	2 Credits		x	
○ LSTIC2891	Dissertation (Part 1)	N.		3 Credits		x	
○ LSTIC2895	Dissertation (Part 2)	N.		20 Credits			x
○ LSTIC2894	Training in computer assisted publication	N.		5 Credits		x	x

⊗ for all other students (30 credits)

○ LSTIC2890	Dissertation seminar	N.	15h	2 Credits		x	
○ LSTIC2891	Dissertation (Part 1)	N.		3 Credits		x	
○ LSTIC2892	Dissertation (Part 2)	N.		25 Credits			x

○ Basic training (45 credits)

○ Computer studies and statistics (15 credits)

Students are required to have taken FLTR 1291 *Quantitative Computer Applications in the Humanities* (3 credits) or a course judged equivalent from the first cycle. Failing this, this course will be added as a prerequisite.

○ LFLTR2630	Introduction to automatic text processing	Cédric Fairon	22.5h	5 Credits	2q	x	x
○ LCLIG2240	Statistics for Linguistics	Yves Bestgen	30h+15h	5 Credits	2q	x	x
○ LLSMG2008	IT Management	Jean Vanderdonckt	30h	5 Credits		x	x

○ Communication (15 credits)

If courses have already been taken in a first cycle programme, they must be replaced with another course from the list and may not form the subject of exemptions.

○ LCLIB2121	Issues in the sociology of books, including children's books	Jean-Louis Tilleuil	22.5h	5 Credits	1q	x	x
○ LCOMU1121	General Semiotics	Philippe Verhaegen	30h	5 Credits	2q	x	x
○ LCOMU1124	Information and communication	Philippe Marion	30h+20h	5 Credits	1q	x	x

○ Law and management (15 credits)

If certain courses have already been taken in a first cycle programme, they must be replaced with another course from the list and may not form the subject of exemptions. Students must choose courses for a total of 15 credits from the following list including one or two compulsory law courses for a maximum of 6 credits.

⊗ LECGE1113	Accounting I	Karine Cerrada Cristia, Yves De Rongé, Michel De Wolf (coord.)	45h+15h	5 Credits	1q	x	x
⊗ LECGE1213	Marketing	Nicolas Kervyn de Meerendré (compensates Isabelle Schuiling), Isabelle Schuiling	30h+15h	5 Credits	1q	x	x
⊗ LPOLS1112	Accounting of the Non-Market Sector	Karine Cerrada Cristia	30h+15h	4 Credits	2q	x	x
⊗ LESPO1122	Foundations of Law	Nicolas Bonbled, Christine Bruls, Céline Romainville, Thibaut Slingeneyer	40h	5 Credits		x	x
⊗ LDROI1051	Elements of Private Law	Isabelle Durant, Olivier Jauniaux (compensates Isabelle Durant)	30h	3 Credits	1q	x	x
⊗ LDROI1052	Elements of Public Law	Charles-Hubert Born	30h	3 Credits	1q	x	x
⊗ LCOPS1211	Public Law	Yves Lejeune	60h	5 Credits	1q	x	x
⊗ LLSMG2004	Human Resources Management	Evelyne Léonard	30h	5 Credits		x	x

List of focuses

Students should choose one of the following focuses :

- > Professional focus:Archives and Records [en-prog-2013-stic2m-lstic909s]
- > Professional focus:Publishing and Bookselling [en-prog-2013-stic2m-lstic911s]
- > Professional focus:Natural Language Processing [en-prog-2013-stic2m-lstic908s]

PROFESSIONAL FOCUS:ARCHIVES AND RECORDS [30.0]

- Mandatory
- △ Courses not taught during 2013-2014
- ⊕ Periodic courses taught during 2013-2014
- ⊗ Optional
- ⊖ Periodic courses not taught during 2013-2014
- ‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Students are required to have taken HIST 1430 General heuristics (3 credits) and FLTR 1430 Historical criticism (4 credits) or courses judged equivalent in the first cycle. Failing this, these two courses will be added to students' programmes as prerequisites.

						Year	
						1	2
○ LHIST2531	Archivistics : part I	Paul Servais	15h	5 Credits	2q ⊕	x	x
○ LHIST2532	Archivistics : part II	Jean-Marie Yante	15h	5 Credits	1q ⊖	x	x
○ LHIST2541	Seminar in Archivistics : public archives	Jean-Marie Yante	15h	5 Credits	2q ⊕	x	x
○ LHIST2542	Seminar in Archivistics : private archives	Paul Servais	15h	5 Credits	1q ⊖	x	x
○ LHIST9531	Student Work in Archivistics : Private Archives	N.	90h	5 Credits		x	x
○ LHIST9532	Student Work in Archivistics : Public Archives	N.	90h	5 Credits		x	x

PROFESSIONAL FOCUS:PUBLISHING AND BOOKSELLING [30.0]

- Mandatory
- △ Courses not taught during 2013-2014
- ⊕ Periodic courses taught during 2013-2014
- ⊗ Optional
- ⊖ Periodic courses not taught during 2013-2014
- ‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
○ Core courses							
○ LCLIB2000	Studying in a professional context	Olivier Comanne	15h+15h	5 Credits	1q	x	x
○ LCLIB2140	Books and graphic design	Sofiane Laghouati	15h	5 Credits	2q	x	x
○ LFLTR2280	History of book and reading	Michel Lisse	22.5h	5 Credits	2q	x	x

○ One optional special subject :

⊗ Special subject Publishing

○ LCLIB2001	Publishing : publishing techniques and software	Olivier Comanne	15h	5 Credits	1q	x	x
○ LFLTR9000	Internship in Publishing House	N.	240h	10 Credits		x	x

⊗ Special subject Bookselling

○ LCLIB2002	Techniques of bookshop management	Benoît Glaude	15h	5 Credits	1q	x	x
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						Year	
						1	2
● LFLTR9001	Internship in Bookshop	N.	240h	10 Credits		x	x

PROFESSIONAL FOCUS:NATURAL LANGUAGE PROCESSING [30.0]

This professional focus trains students to work in the field of language (spelling correction, word recognition, automatic translation, document management, etc.). Strongly biased towards the business world, this focus, held at Louvain-la-Neuve in collaboration with the University Faculties at Namur ([FUNDP](#)), the Polytechnic Faculty at Mons ([FPMs](#)) and [Leuven](#) , welcomes invited researchers (from the academic and professional world) and includes an internship in a company as part of the core subjects.

For more information: <https://www.uclouvain.be/cental.html>

● Mandatory

△ Courses not taught during 2013-2014

⊕ Periodic courses taught during 2013-2014

⊗ Optional

⊖ Periodic courses not taught during 2013-2014

‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						1	2
● LFLTR2620	Natural language processing	Cédric Fairon	22.5h	5 Credits	1q	x	x
● LCLIG2220	Overview of applications in NLP	Cédric Fairon	15h	5 Credits	1+2q	x	x
● LCLIG2260	Introduction to speech processing	Thierry Dutoit	15h	5 Credits	1q	x	x
● LSINF1101	Introduction to programming	Olivier Bonaventure, Charles Pecheur	30h+30h	5 Credits	1q	x	x
● LSINF1103	Algorithmics	Pierre Dupont	30h+30h	5 Credits	2q	x	x
● LSINF1225	Object-oriented design and data management	Kim Mens	30h+30h	5 Credits	2q	x	x

Options [15.0]

Students should choose one option course or other courses for 15 credits, with the agreement of the Secretary of the Board.

- > [Option in Institutions and Administration](#) [en-prog-2013-stic2m-lstic954o]
- > [Option in Law](#) [en-prog-2013-stic2m-lstic955o]
- > [Option in Auxiliary Sciences History](#) [en-prog-2013-stic2m-lstic956o]
- > [Option in Literature](#) [en-prog-2013-stic2m-lstic957o]
- > [Option in Communication Technics](#) [en-prog-2013-stic2m-lstic958o]
- > [Option in Sociology](#) [en-prog-2013-stic2m-lstic959o]
- > [Option in Language and Computer Sciences](#) [en-prog-2013-stic2m-lstic960o]
- > [Optional courses](#) [en-prog-2013-stic2m-lstic930o]

OPTION IN INSTITUTIONS AND ADMINISTRATION [15.0]

- Mandatory
- ⊗ Optional
- △ Courses not taught during 2013-2014
- ⊙ Periodic courses not taught during 2013-2014
- ⊕ Periodic courses taught during 2013-2014
- ‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

15 credits chosen from :

						Year	
						1	2
⊗ LHIST2381B	Governing and societies: In-depth questions I (B. The Middle Ages)	Paul Bertrand, Jean-Marie Yante	22.5h	5 Credits	1q ⊕	x	x
⊗ LHIST2381C	Governing and societies: In-depth questions I (C. Modern times)	Silvia Mostaccio, Aude Musin	22.5h	5 Credits	1q ⊕	x	x
⊗ LHIST2381D	Governing and societies: In-depth questions I (D. Contemporary period)	Laurence Van Ypersele	22.5h	5 Credits	1q ⊕	x	x
⊗ LHIST2382B	Governing and societies: In-depth questions II (B. The Middle Ages)	N.	22.5h	5 Credits	1q ⊙	x	x
⊗ LHIST2382C	Governing and societies: In-depth questions II (C. Modern times)	N.	22.5h	5 Credits	1q ⊙	x	x
⊗ LHIST2382D	Governing and societies: In-depth questions II (D. Contemporary period)	N.	22.5h	5 Credits	1q ⊙	x	x
⊗ LHIST2511D	In-depth questions on economic history (Middle Ages)	Jean-Marie Yante	22.5h	5 Credits	2q ⊕	x	x

OPTION IN LAW [15.0]

- Mandatory
- ⊗ Optional
- △ Courses not taught during 2013-2014
- ⊙ Periodic courses not taught during 2013-2014
- ⊕ Periodic courses taught during 2013-2014
- ‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

If courses have already been taken in a first cycle programme, they must be replaced with another course and may not form the subject of exemptions. 15 credits chosen from :

						Year	
						1	2
⊗ LDROI1305	Administrative Law	David Renders	60h+12h	5 Credits	2q	x	x
⊗ LECGE1221	Commercial law and taxation <i>Prerequisite : ESPO 1122</i>	Patrick De Wolf, Michel De Wolf	60h	5 Credits	2q	x	x
⊗ LDROP2101	Economic Aspects of Intellectual Property	Dominique Kaesmacher, Alain Strowel, François Wéry	30h	5 Credits	2q	x	x

Year

1 2

⊗ LCOMU1322	Media and Communication Law	François Jongen	30h	5 Credits	1q	x	x
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OPTION IN AUXILIARY SCIENCES HISTORY [15.0]

● Mandatory

△ Courses not taught during 2013-2014

⊕ Periodic courses taught during 2013-2014

⊗ Optional

⊖ Periodic courses not taught during 2013-2014

‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

15 credits chosen from :

Year

1 2

⊗ LHIST1400	History in Images : a critical approach	Baudouin Van den Abeele, Laurence Van Ypersele (coord.)	22.5h	5 Credits	2q	x	x
⊗ LHIST1410	Medieval and modern paleography	Baudouin Van den Abeele	15h	5 Credits	1q	x	x
⊗ LHIST2210	Codicology	Paul Bertrand	15h	5 Credits	2q ⊖	x	x
⊗ LHIST2430	Diplomacy in the Middle Ages, including elements of chronology, sigillography and heraldry	Paul Bertrand	22.5h	5 Credits	1q	x	x

OPTION IN LITERATURE [15.0]

● Mandatory

△ Courses not taught during 2013-2014

⊕ Periodic courses taught during 2013-2014

⊗ Optional

⊖ Periodic courses not taught during 2013-2014

‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

15 credits chosen from :

Year

1 2

⊗ LROM2730	Analysis of literary Representation	Myriam Delmotte	22.5h	5 Credits	1q ⊕	x	x
⊗ LROM2740	Sociology of Literature	Jean-Louis Tilleuil	22.5h	5 Credits	2q	x	x
⊗ LROM2750	Contemporary literature and images	Jean-Louis Tilleuil	15h	5 Credits	2q ⊖	x	x
⊗ LFLTR2230	Questions of General and Comparative Literature	Erica Durante	22.5h	5 Credits	1q	x	x

OPTION IN COMMUNICATION TECHNICS [15.0]

● Mandatory

△ Courses not taught during 2013-2014

⊕ Periodic courses taught during 2013-2014

⊗ Optional

⊖ Periodic courses not taught during 2013-2014

‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

15 credits chosen from :

							Year	
							1	2
⊗ LCOMU2221	Analyse des productions cinématographiques	Sébastien Fevry, Philippe Marion	22.5h	5 Credits			x	x
⊗ LCOMU2223	Langage sonore	Thierry De Smedt	22.5h	5 Credits			x	x
⊗ LCOMU2600	Scientific popularisation	Philippe Verhaegen	30h	5 Credits			x	x
⊗ LCOMU2602	Mediatic systems of distance training	Daniel Peraya	22.5h	5 Credits			x	x
⊗ LCOMU2606	nter-cultural communication	Alain Reyniers	30h	5 Credits	2q		x	x
⊗ LCOMU2640	Media education	Thierry De Smedt	30h	5 Credits			x	x

OPTION IN SOCIOLOGY [15.0]

● Mandatory

△ Courses not taught during 2013-2014

⊕ Periodic courses taught during 2013-2014

⊗ Optional

⊖ Periodic courses not taught during 2013-2014

‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

If courses have already been taken in a first cycle programme, they must be replaced with another course from the list and may not form the subject of exemptions. 15 credits chosen from :

							Year	
							1	2
⊗ LSOC2020	Sociologie	Marie Verhoeven	30h	5 Credits	2q		x	x
⊗ LTRAV2200	Sociology of work	Matthieu de Nanteuil, Isabelle Ferreras	30h	5 Credits	1q		x	x
⊗ LESPO1113	Sociology and Anthropology of the Contemporary Worlds	Jean De Munck, Matthieu de Nanteuil, Hugues Draelants	40h	5 Credits			x	x
⊗ LPOLS1234	Theories and concepts in sociology <i>Prerequisite : LESPO1113</i>	Marc Zune	30h	5 Credits	1q		x	x

OPTION IN LANGUAGE AND COMPUTER SCIENCES [15.0]

● Mandatory

△ Courses not taught during 2013-2014

⊕ Periodic courses taught during 2013-2014

⊗ Optional

⊖ Periodic courses not taught during 2013-2014

‡ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

If courses have already been taken in a first cycle programme, they must be replaced with another course from the list and may not form the subject of exemptions.

							Year	
							1	2
● LFLTR2270	General linguistics : semantics	Elisabeth Degand	22.5h	5 Credits	1q		x	x
● LCLIG2250	Methods of corpus linguistics	Cédric Fairon, Thomas François (compensates Anne- Catherine Simon), Anne-Catherine Simon	30h+10h	5 Credits	1q		x	x
● LSINF1121	Algorithmics and data structures	Pierre Dupont	30h+30h	5 Credits	1q		x	x

OPTIONAL COURSES [15.0]

To be chosen from the Faculty or University programmes, with the agreement of the secretary of the examining board. Students must check with the lecturer in charge that they may follow the course(s) in question. If certain courses are available in the core subjects or in another option course, the credits may not exceed 6 with each of these headings. No courses may be taken from the professional focuses.

