



Informatique de gestion

PROJET «Bologne»

INFORGE

CHIP'03 (SARIT)

24 janvier 2003

Bienne

Yves Pigneur

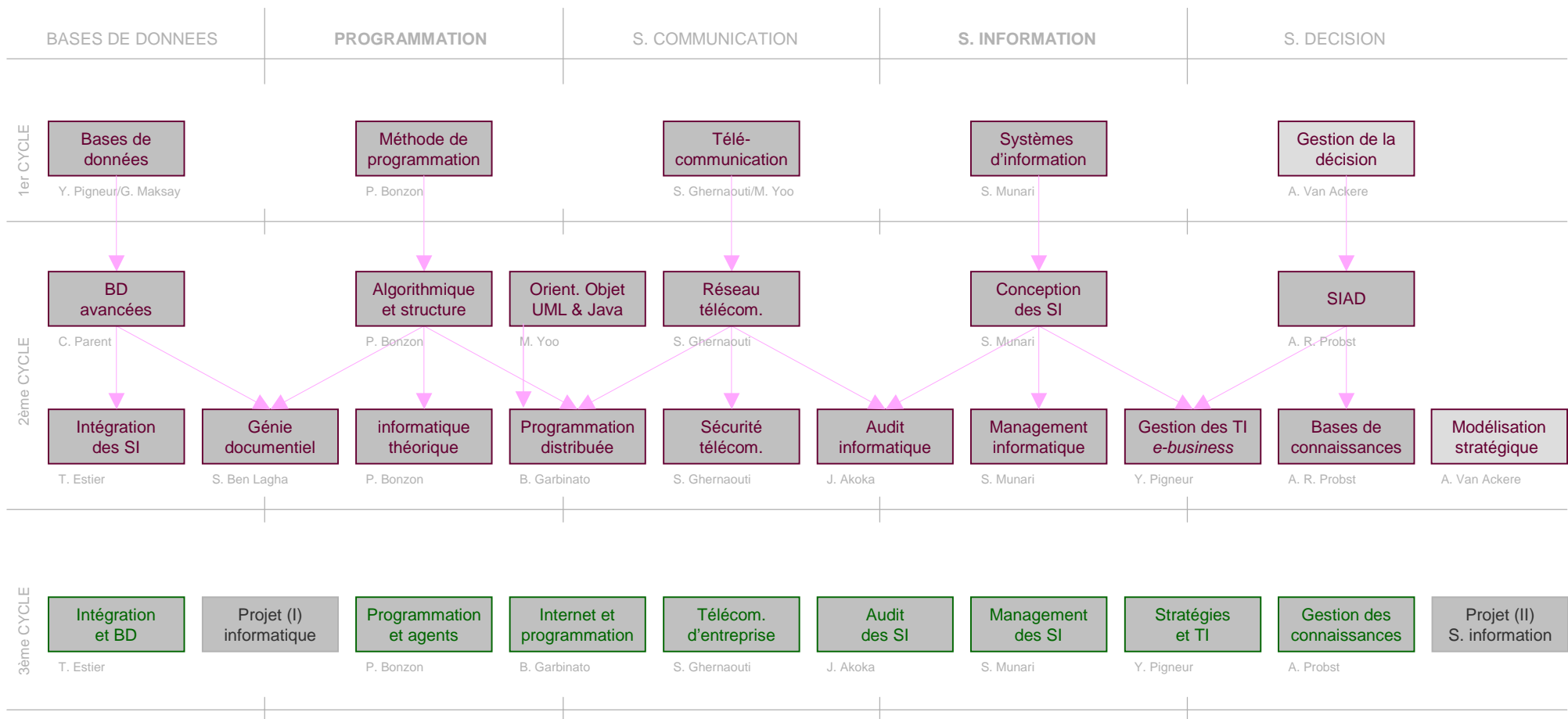
HEC Lausanne

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Offre actuelle

Cours semestriels
4 heures hebdo.
60 heures
6 crédits



Bachelor IS

Bologne

60 crédits en informatique
pour avoir la mention « informatique de gestion »

1ère

1er semestre

Notions (BD)

2ème semestre

Notions (IT)

2ème

1er semestre

S. Information

2ème semestre

M. programmation

3ème

Base

Bases de données

Télécommunication

Orientation objet

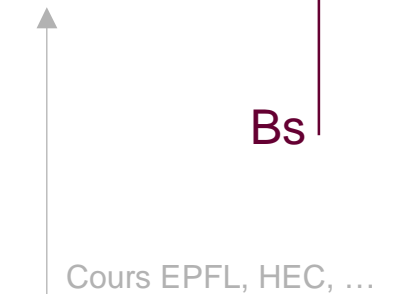
Conception des SI

SIAD

PROJETS

options

TRONC COMMUN HEC (économie, management, actuariat, informatique)



Cf IS'2000
curriculum in information systems (ACM & AIS)

Curriculum *Bachelor: IS'2000 (Bs)*

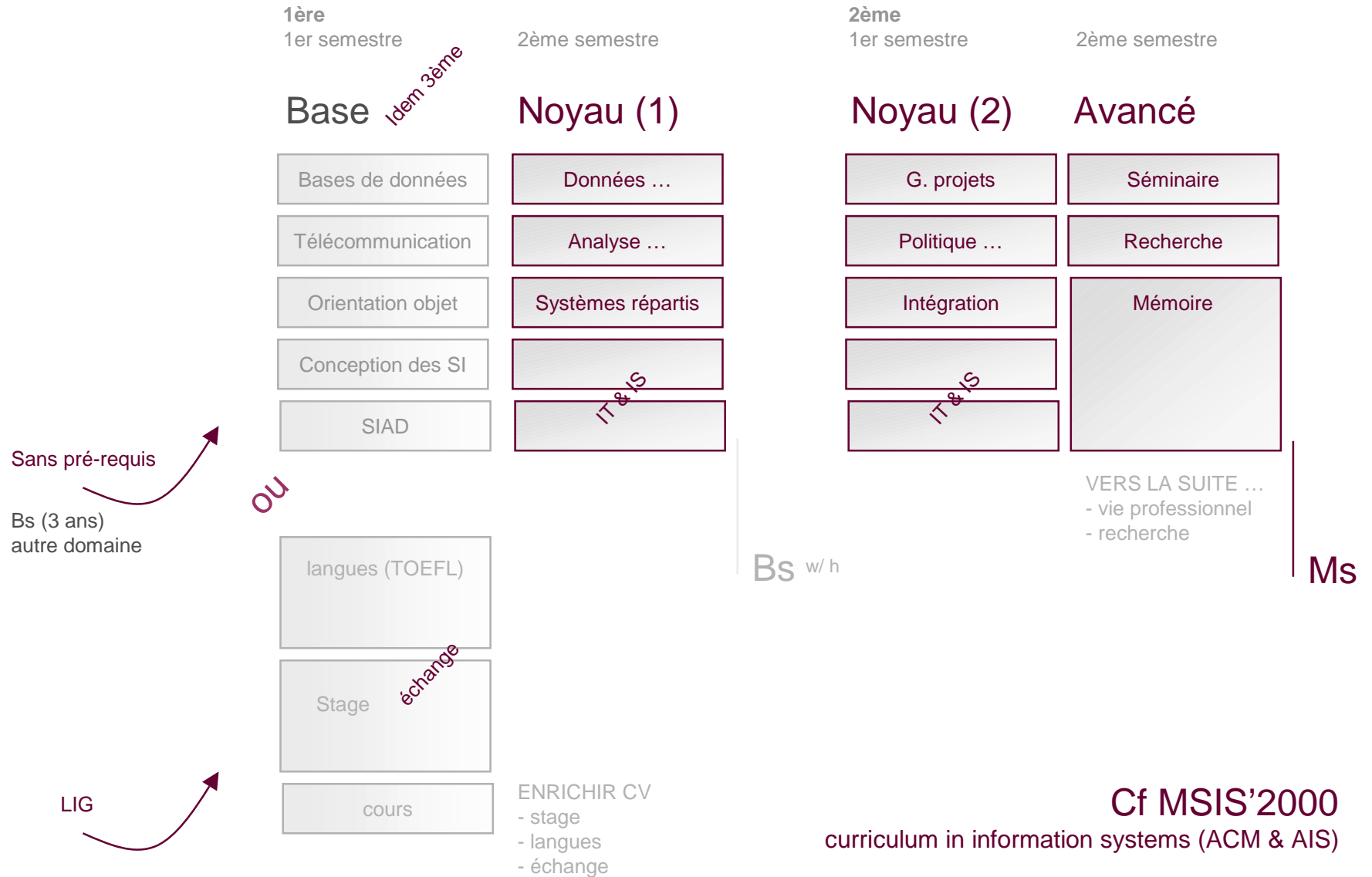
<i>IS'2000</i>
IS'01.1 FUNDAMENTALS OF INFORMATION SYSTEMS
IS'01.2 E-BUS STRATEGY, ARCH & DESIGN
IS'01.3 IS THEORY & PRACTICE
IS'01.4 IT HARDWARE & SYSTEM SOFTWARE
IS'01.5 PROG DATA, FILE& OBJ STRUCTURES
IS'01.6 NETWORKS & TELECOM
IS'01.7 ANALYSIS & LOGICAL DESIGN
IS'01.8 PHYSICAL DESIGN & IMPL WITH DBMS
IS'01.9 PHYSICAL DESIGN IN EMERGING ENVIRONMENTS
IS'01.10 PROJ MGT & PRACTICE

Cf IS'2000
curriculum in information systems (ACM & AIS)

Master IS

Bologne

«Sliding window concept»



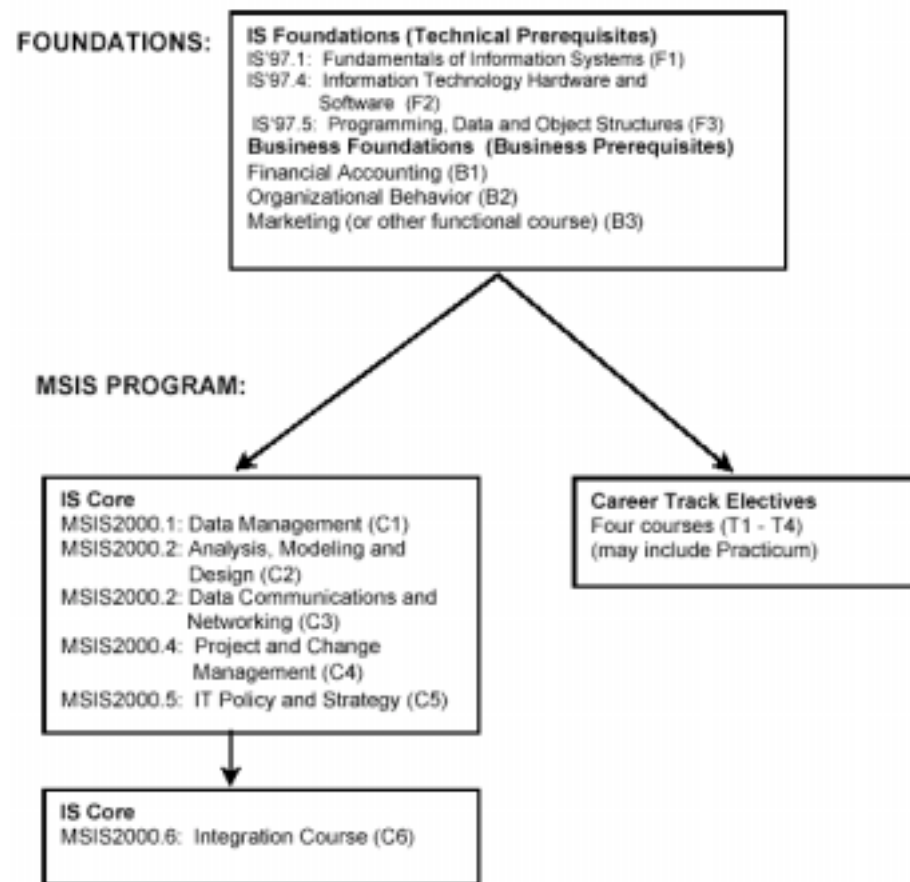
Cf MSIS'2000
curriculum in information systems (ACM & AIS)

Curriculum Master: *MSIS'2000 (Ms)*

<i>MSIS'2000</i>
IS FOUNDATIONS (F1-F3)
BUSINESS FOUNDATIONS (B1-B3)
MSIS2000.1 DATA MANAGEMENT (C1)
MSIS2000.2 ANALYSIS, MODELING & DESIGN (C2)
MSIS2000.3 DATA COMMUNICATION & NETWORKING (C3)
MSIS2000.4 PROJECT & CHANGE MANAGEMENT (C4)
MSIS2000.5 IT POLICY AND STRATEGY (C5)
MSIS2000.6 INTEGRATION (C6)
CAREER TRACK ELECTIVES (T1- T4)

Cf MSIS'2000
curriculum in information systems (ACM & AIS)

Curriculum Master: MSIS'2000 (Ms) courses



<p>Academia (path to Doctorate)</p> <ul style="list-style-type: none"> Principles of IS Research Teaching Skills Statistical Research Methods Advanced Elective in Teaching 	<p>Knowledge Management</p> <ul style="list-style-type: none"> Knowledge Management and the Learning Organization Document Management Data Warehousing Data Mining and Knowledge Acquisition
<p>Consulting</p> <ul style="list-style-type: none"> Consulting in Business Consulting in IS Advanced Project Management or Advanced Change Management Elective in Consulting Area (e.g., knowledge management, ERP, telecom) 	<p>Managing the IS Function (Internal to IS)</p> <ul style="list-style-type: none"> Role of the CIO Management of Computer Personnel Operations Management of Telecommunications Resources IS Security
<p>Data Management and Data Warehousing</p> <ul style="list-style-type: none"> Data Warehousing Knowledge Management Database Administration Database Systems Planning 	<p>Management of the IS Function (external to IS)</p> <ul style="list-style-type: none"> Role of CIO Telecommuting and Virtual Organizations Outsourcing End-User Computing
<p>Decision Making</p> <ul style="list-style-type: none"> Decision Support and Executive Information Systems Data Warehousing Simulation and Modeling Human-Computer Interaction 	<p>New Ways of Working</p> <ul style="list-style-type: none"> Telecommuting and Virtual Organizations Workflow and Collaborative Work Multimedia Internet, Intranets, and Extranets
<p>Electronic Commerce</p> <ul style="list-style-type: none"> Internet, Intranets, and Extranets Electronic Commerce WWW and the Value Chain Consumer Relationship Marketing 	<p>Project Management</p> <ul style="list-style-type: none"> Advanced Project Management Advanced Change Management Outsourcing Virtual Organization or Telecommuting
<p>Enterprise Resources Planning</p> <ul style="list-style-type: none"> ERP Systems Business Processes Internet, Intranets, and Extranets Systems Integration 	<p>Systems Analysis & Design</p> <ul style="list-style-type: none"> Advanced Design Methodologies (e.g., Object-Oriented Analysis and Design, RAD, prototyping) Advanced Project Management System Integration IS Consulting
<p>Global IT Management</p> <ul style="list-style-type: none"> Transborder EDI and Data Flows Virtual Organizations Knowledge Management Global Cultural Implications for IS 	<p>Technology Management</p> <ul style="list-style-type: none"> Emerging Technologies and Technology Forecasting Globalization Advanced Project Management Organizational Aspects of Technology Management
<p>Human Factors</p> <ul style="list-style-type: none"> Ergonomics of Computing Interface Design Usability Analysis and Testing Multimedia Design and Production 	<p>Telecommunications</p> <ul style="list-style-type: none"> Telecommunications Technology Managing the Telecommunications Resource Internet, Intranets, and Extranets Electronic Commerce

2 postes au concours ...

DATABASE	PROGRAMMING	TELECOMMUNICATION	INFORMATION SYSTEM	DECISION SCIENCE
<p>E-business</p> <p>Y. Pigneur</p>	<p>Software engineering</p> <p>P. Bonzon</p> <p>CONCOURS</p>	<p>Telecom. Sécurité</p> <p>S. Ghernaoui (B. Lathoud)</p>	<p>IS management</p> <p>S. Munari</p>	<p>Knowledge Management</p> <p>A. Probst</p>
<p>Database</p> <p>C. Parent T. Estier G. Maksay</p>	<p>Programming</p> <p>M. Yoo B. Garbinato Fac. Sciences</p>	<p>Audit</p> <p>J. Akoka</p>	<p>IT Policy making</p> <p>-</p> <p>CONCOURS</p>	<p>E-learning</p> <p>M. Wentland</p>