LORAS COLLEGE

SAMPLE FOUR-YEAR PLAN FOR COMPUTING & INFORMATION TECHNOLOGY SCIENCE TRACK

Updated: March 2010

JANUARY TERM	
Students admitted Fall 2007 or later are required to complete a minimum of two January terms. **Transfer students who transfer in 40 credits or more are required to complete at least one January term.**	**CR**
January Term	3
January Term	3

FIRST YEAR FALL SEMESTER		FIRST YEAR SPRING SEMESTER	
Title	**CR**	**Title**	**CR**
LIB 100 Modes of Inquiry	3	MAT 150 Calculus I or elective	3-4
Writing requirement (LIB 105 or ENG 111) or speaking requirement (LIB 110)	3	Writing requirement (LIB 105 or ENG 111) or speaking requirement (LIB 110)	3
Math Modeling (117, 150, 170) or elective	3-4	CIT 115 Programming & Design Basics	4
CIT 110: Computing & Information Technology Basics	3	January Term	3
Elective	3	Catholic traditions (LIB 130 or 135) or elective	3

SOPHOMORE YEAR FALL SEMESTER		SOPHOMORE YEAR SPRING SEMESTER	
Title	**CR**	**Title**	**CR**
LIB 220 Democracy & Global Diversity or Catholic traditions (LIB 130 or 135)	3	CIT 217 Network Management	3
CIT 219 Computer Organization and Architecture	4	MAT 230 Discrete Mathematics	3
CIT 225 Data Structures	4	CIT Elective and/or General elective	3
CIT 218 Database Management	3	LIB 220 Democracy & Global Diversity or elective	3
Elective	3	Elective	3

JUNIOR YEAR FALL SEMESTER		JUNIOR YEAR SPRING SEMESTER	
Title	**CR**	**Title**	**CR**
CIT 325 Algorithm Design & Analysis or CIT 347 Software Engineering	3	CIT 440 Operating Systems or MAT 220 Probability & Statistics	3
CIT 357 Found. of Programming Languages or Advanced General Education course	3-4	CIT 332 Web Programming and/or CIT elective	3-6
CIT elective	3	2 Advanced General Education courses or Cluster	6-7
General Elective	6	January Term	3

SENIOR YEAR FALL SEMESTER		SENIOR YEAR SPRING SEMESTER	
Title	**CR**	**Title**	**CR**
CIT 325 Algorithm Design & Analysis or CIT 347 Software Engineering	3	CIT 490 Capstone Project	3
CIT 357 Found. of Programming Languages or elective	3	CIT 440 Operating Systems or MAT 220 Probability & Statistics	3
2 Advanced General Education courses or Cluster	6-7	CIT 332 Web Programming and/or CIT elective	3-6
LIB 305 Portfolio	1	General Elective	6
Electives	3		

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