FRESHMAN YEAR - FALL SEMESTER   1   COM 1101   Composition and Rhetoric (Prerequisite: COM 0100 or a passing grade on the placement test or prerequisite course)   1   COM 1101   Composition and Rhetoric (Prerequisite: COM 0100 or a passing grade on the placement test or prerequisite course)   RUST PASS WITH "C" OR BETTER    CSE 1010   Computing Disciplines and Carcers   1   CSE 1400   Applied Discrete Mathematics (Requirements: Passing score on the Calculus Readiness   Test. or prerequisite course)   Prerequisite: MTH 1000)   Test   ToTAL   16   FRESHMAN YEAR - SPRING SEMESTER   COM 1102   Writing about Literature (Prerequisite: COM 1101)   Writing about Literature (Prerequisite: COM 1101)   Signal Advances   Computer of the placement test) (Graphics Calculus trapassing score on the placement test) (Graphics Calculator required)   HUM 2510   Logic (Prerequisite: WTH 1000 or High school algebra, trigonometry and a passing score on the placement test) (Graphics Calculator required)   Agorithms and Data Structures (Prerequisite: COM 1102)   Sophomore YEAR - FALL SEMESTER   TOTAL   17   SOPHOMORE YEAR - FALL SEMESTER   TOTAL   17   SOPHOMORE YEAR - FALL SEMESTER   TOTAL   18   COM 2012   Research Sources and Systems (Prerequisite: COM 1102)   1   COM 2012   Research Sources and Systems (Prerequisite: COM 1102)   3   Algorithms and Data Structures (Prerequisite: CSE 1002, CSE 1400 or MTH 2051 and 4   MUST PASS WITH A "C" OR BETTER		BACHELOR OF SCIENCE DEGREE PROGRAM (2010-2	011 CATALOC	<del>3</del> )		
ADVISOR				1		
ADVISOR  COMMENTS  COURSE # COURSE DESCRIPTIONS  FRESHMAN YEAR - FALL SEMESTER  ASC 1000  University Experience  COM 1101  Composition and Rhetoric (Prerequisite: COM 0100 or a passing grade on the placement test or prerequisite course)  CSE 1001  Fundamentals of Software Development (Requirements: Passing score on Calculus Placement Test or prerequisite course)  CSE 1001  CSE 1001  Composition of Software Development (Requirements: Passing score on Calculus Placement Test or prerequisite course) [MUST PASS WITH "C" OR BETTER]  CSE 1101  CSE 1100  Computing Disciplines and Careers 1  CSE 1400  Applied Discrete Mathematics (Requirements: Passing score on the Calculus Readiness Test, or prerequisite course) Prerequisite: MTH 1000)  ECE 1515  Digital Logic  TOTAL 16  FRESHMAN YEAR - SPRING SEMESTER  COM 1102  Writing about Literature (Prerequisite: COM 1101)  CSE 1002  Fundamentals of Software Development 2 (Prerequisite: CSE 1001 and MUST PASS 4 WTH 1 "C" OR BETTER)  MTH 1001  Calculus 1 (Prerequisites: MTH 1000 or High school algebra, trigonometry and a passing score on the placement test) (Graphics Calculator required)  HUM 2510  Logic (Prerequisite: COM 1101)  SOPHOMORE YEAR - FALL SEMESTER  COM 2012  Research Sources and Systems (Prerequisite: COM 1102)  1 CSE 2010  Algorithms and Data Structures (Prerequisite: CSE 1002, CSE 1400 or MTH 2051 and MUST PASS WITH A "C" OR BETTER)  WITH 1002  Calculus 2 (Prerequisite: MTH 1001; co-requisite: CSE 1002, or permission of the latematic Prerequisite: CSE 1002, or permission of the instructor)  SOPHOMORE YEAR - SPRING SEMESTER  COM 2012  Research Sources and Systems (Prerequisite: CSE 1002, or permission of the instructor)  SOPHOMORE YEAR - SPRING SEMESTER  COM 2012  Physics 2 (Prerequisite: MTH 1001)  Physics 1 (Prerequisite: MTH 1001)  Physics 1 (Prerequisite: MTH 1002)  CSE 2410  Introduction to Software Engineering (Prerequisite: CSE 1002, or permission of the instructor)  CSE 2400  Applied Statistics (Prerequisite: MTH 1002)  TOTAL 17  JUNIOR YEAR - PALL SEMESTER						
COUNSE   COURSE DESCRIPTIONS   CR.   YEAR   GRAD	ADDRESS	TELE	PHONE NO.:			
COUNSE   COURSE DESCRIPTIONS   CR.   YEAR   GRAD						
COURSE ## COURSE DESCRIPTIONS			IL			
FRESHMAN YEAR - FALL SEMESTER   ASC 1000   University Experience   1   COM 1101   Composition and Rhetoric (Prerequisite: COM 0100 or a passing grade on the placement test or prerequisite course)   CSE 1001   Fundamentals of Software Development I (Requirements: Passing score on Calculus   Placement Test or prerequisite course)   MUST PASS WITH "C" OR BETTER    CSE 1101   Computing Disciplines and Careers   1   CSE 1400   Applied Discrete Mathematics (Requirements: Passing score on the Calculus Readiness   Test, or prerequisite course)   Prerequisite: MTH 1000)   4						
ASC 1000   University Experience   COM 1101   Composition and Rhetoric (Prerequisite: COM 0100 or a passing grade on the placement test or prerequisite course)   Pundamentals of Software Development   (Requirements: Passing score on Calculus Placement Fest or prerequisite course)   MUST PASS WITH "C" OR BETTER    CSE 1101   Computing Disciplines and Carcers 1   Applied Discrete Mathematics (Requirements: Passing score on the Calculus Readiness 3   Test, or prerequisite course)   Prerequisite: MTH 1000)   TOTAL   16   TOTAL   17   TOTAL   17   TOTAL   17   TOTAL   17   TOTAL   17   TOTAL   18   TOTAL   19				CR.	YEAR	GRADE
COM 1101   Composition and Rhetoric (Prerequisite: COM 0100 or a passing grade on the placement test or prerequisite course)   Fundamentals of Software Development 1 (Requirements: Passing score on Calculus Placement Test or prerequisite course)   MUST PASS WITH "C" OR BETTER					1	
CSE 1001 Fundamentals of Software Development 1 (Requirements: Passing score on Calculus Placement Test or prerequisite course) [MUST PASS WITH "C" OR BETTER]  CSE 1101 Computing Disciplines and Careers 1  CSE 1400 Applied Discrete Mathematics (Requirements: Passing score on the Calculus Readiness Test, or prerequisite course) Prerequisite: MTH 1000)  ECE 1511 Digital Logic 4  ECE 1551 Digital Logic TOTAL 16  FRESHMAN YEAR – SPRING SEMESTER  COM 1102 Writing about Literature (Prerequisite: COM 1101)  CSE 1002 Fundamentals of Software Development 2 (Prerequisite: CSE 1001 and MUST PASS WITH A "C" OR BETTER)  MTH 1001 Calculus 1 (Prerequisite: SMTH 1000 or High school algebra, trigonometry and a passing score on the placement test) (Graphics Calculator required)  HUM 2510 Logic (Prerequisite: COM 1101) 3 a Restricted Elective (Science) 3 a SOPHOMORE YEAR – FALL SEMESTER  COM 2012 Research Sources and Systems (Prerequisite: COM 1102) 1 CSE 2010 Algorithms and Data Structures (Prerequisite: COM 1102) 3 a CSE 2010 Algorithms and Data Structures (Prerequisite: COM 1102) 3 a CSE 2010 Algorithms and Data Structures (Prerequisite: CSE 1002, CSE 1400 or MTH 2051 and MUST PASS WITH A "C" OR BETTER)  MTH 1002 Calculus 2 (Prerequisite: MTH 1001) 4 4 PHY 1001 Physics I (Prerequisite: MTH 1001) 4 4 PHY 1001 Physics I (Prerequisite: MTH 1001) 4 4 PHY 2091 Physics 1 (Prerequisite: MTH 1001) 5 Orequisite: MTH 1002 4 PHY 2091 Physics Lab 1 (Co-requisite: MTH 1001) 7 OTAL 17 TOTAL 17 SOPHOMORE YEAR – SPRING SEMESTER  CSE 2050 Programming in a Second Language (Prerequisite: CSE 2010) 3 HUM 2051 Civilization 1: Ancient Through Medical (Prerequisite: COM 1102) 3 PHY 2002 Physics 2 (Prerequisite: PHY 1001) 4 4 PHY 2002 Physics 2 (Prerequisite: PHY 2001; co-requisite: PHY 2002) 1 Physics 1 (Prerequisite: PHY 2001) 4 PHY 2002 Physics 2 (Prerequisite: PHY 2001; co-requisite: PHY 2002) 1 Physics 1 (Prerequisite: PHY 2001) 3 PHY 2002 Physics 2 (Prerequisite: PHY 2001; co-requisite: PHY 2002) 1 Physics 2 (Prerequisite: PHY 2001) 3 PHY 2002				1		
Placement Test or prerequisite course) [MUST PASS WITH "C" OR BETTER]  CSE 1101 Computing Disciplines and Careers 1  CSE 1400 Applied Discrete Mathematics (Requirements: Passing score on the Calculus Readiness 3  Test, or prerequisite course) Prerequisite: MTH 1000)  ECE 1551 Digital Logic	COM 1101	placement test or prerequisite course)		3		
CSE 1101   Computing Disciplines and Careers 1   CSE 1400   Applied Discrete Mathematics (Requirements: Passing score on the Calculus Readiness 1   Test, or prerequisite: course) Prerequisite: MTH 1000)   ECE 1551   Digital Logic	CSE 1001			4		
CSE 1400   Applied Discrete Mathematics (Requirements: Passing score on the Calculus Readiness Test, or prerequisite course) Prerequisite: MTH 1000)   4	CSE 1101		-	1		
ECE 1551   Digital Logic	CSE 1400	Applied Discrete Mathematics (Requirements: Passing score on the Calcu	lus Readiness	3		
TOTAL   16	ECE 1551			4		
FRESHMAN YEAR - SPRING SEMESTER   COM 1102	LCL 1331	Digimi Dogit	TOTAL			
COM 1102 Writing about Literature (Prerequisite: COM 1101)  CSE 1002 Fundamentals of Software Development 2 (Prerequisite: CSE 1001 and MUST PASS WITH A "C" OR BETTER)  MTH 1001 Calculus 1 (Prerequisites: MTH 1000 or High school algebra, trigonometry and a passing score on the placement test) (Graphics Calculator required)  HUM 2510 Logic (Prerequisite: COM 1101)  Restricted Elective (Science) 3  Restricted Elective (Science) 3  COM 2012 Research Sources and Systems (Prerequisite: COM 1102) 1  COM 2223 Scientific and Technical Communications (Prerequisite: COM 1102) 3  CSE 2010 Algorithms and Data Structures (Prerequisite: CSE 1002, CSE 1400 or MTH 2051 and MUST PASS WITH A "C" OR BETTER)  MTH 1002 Calculus 2 (Prerequisite: MTH 1001) 4  PHY 1001 Physics 1 (Prerequisite: MTH 1001) 4  PHY 2091 Physics Lab 1 (Co-requisite: PHY 1001) 10  SOPHOMORE YEAR – SPRING SEMESTER  CSE 2050 Programming in a Second Language (Prerequisite: CSE 1002, or permission of the instructor) 3  CSE 2410 Introduction to Software Engineering (Prerequisite: CSE 2010) 3  HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102) 1  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1503, ECE 2551) 2  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 2010) 3  CSE 2450 Programming Language (Prerequisite: CSE 1002) 3  CSE 250 Programming Language (Prerequisite: CSE 1003, ECE 2551) 2  CSE 250 Programming Language (Prerequisite: CSE 1002) 3  CSE 2500 Programming Language (Prerequisite: CSE 1003) 3	FRESHMAN	VEAR – SPRING SEMESTER	TOTAL	10	<u> </u>	
CSE 1002				3		
MTH 1001		Fundamentals of Software Development 2 (Prerequisite: CSE 1001 and M	IUST PASS			
HUM 2510   Logic (Prerequisite: COM 1101)   3   Restricted Elective (Science)   3   3	MTH 1001	Calculus 1 (Prerequisites: MTH 1000 or High school algebra, trigonometr	y and a	4		
Restricted Elective (Science)  Restricted Elective (Science)  TOTAL 17  SOPHOMORE YEAR – FALL SEMESTER  COM 2012 Research Sources and Systems (Prerequisite: COM 1102)  COM 2223 Scientific and Technical Communications (Prerequisite: COM 1102)  SCIE 2010 Algorithms and Data Structures (Prerequisite: CSE 1002, CSE 1400 or MTH 2051 and MUST PASS WITH A "C" OR BETTER)  MTH 1002 Calculus 2 (Prerequisite: MTH 1001)  Phy 1001 Physics 1 (Prerequisite: MTH 1001)  PHY 2091 Physics Lab 1 (Co-requisite: PHY 1001)  SOPHOMORE YEAR – SPRING SEMESTER  CSE 2050 Programming in a Second Language (Prerequisite: CSE 1002, or permission of the instructor)  CSE 2400 Applied Statistics (Prerequisite: MTH 1002)  CSE 2410 Introduction to Software Engineering (Prerequisites: CSE 2010)  HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102)  3 PHY 2002 Physics 2 (Prerequisite: PHY 1001)  PHY 2002 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002)  1 UNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or 3 COM 2224 and at least one of CSE 1002, CSE 1502, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 2010)  3 CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)	LILIM 2510			2		
SOPHOMORE YEAR - FALL SEMESTER	HUM 2310	<u> </u>				
SOPHOMORE YEAR - FALL SEMESTER		Restricted Elective (Science)	TOTAL			
COM 2012   Research Sources and Systems (Prerequisite: COM 1102)   1	CODITOMOL	DE VEAD FALL CEMESTED	IUIAL	1 /		
COM 2223   Scientific and Technical Communications (Prerequisite: COM 1102)   3   CSE 2010   Algorithms and Data Structures (Prerequisite: CSE 1002, CSE 1400 or MTH 2051 and   4   MUST PASS WITH A "C" OR BETTER)   4   MTH 1002   Calculus 2 (Prerequisite: MTH 1001)   4   PHY 1001   Physics 1 (Prerequisite: MTH 1001; co-requisite: MTH 1002)   4   PHY 2091   Physics Lab 1 (Co-requisite: PHY 1001)   1    SOPHOMORE YEAR – SPRING SEMESTER   CSE 2050   Programming in a Second Language (Prerequisite: CSE 1002, or permission of the   3   instructor)   3   CSE 2410   Introduction to Software Engineering (Prerequisites: CSE 2010)   3   HUM 2051   Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102)   3   PHY 2002   Physics 2 (Prerequisite: PHY 1001)   4   PHY 2092   Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002)   1    JUNIOR YEAR – FALL SEMESTER   CSE 3030   Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or   COM 2224 and at least one of CSE 1002, CSE 1503, ECE 2551)   CSE 3101   Machine and Assembly Language (Prerequisite: CSE 2010)   3   CSE 4250   Programming Language Concepts (Prerequisite: CSE 2010)   3				1		1
CSE 2010 Algorithms and Data Structures (Prerequisite: CSE 1002, CSE 1400 or MTH 2051 and MUST PASS WITH A "C" OR BETTER)  MTH 1002 Calculus 2 (Prerequisite: MTH 1001) 4 PHY 1001 Physics 1 (Prerequisite: MTH 1001; co-requisite: MTH 1002) 4 PHY 2091 Physics Lab 1 (Co-requisite: PHY 1001) 1  SOPHOMORE YEAR – SPRING SEMESTER  CSE 2050 Programming in a Second Language (Prerequisite: CSE 1002, or permission of the instructor) 3  CSE 2400 Applied Statistics (Prerequisite: MTH 1002) 3  CSE 2410 Introduction to Software Engineering (Prerequisites: CSE 2010) 3  HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102) 3  PHY 2002 Physics 2 (Prerequisite: PHY 1001) 4  PHY 2092 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002) 1  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 2010) 3  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010) 3		Research Sources and Systems (Prerequisite: COM 1102)				
MTH 1002 Calculus 2 (Prerequisite: MTH 1001) 4 PHY 1001 Physics 1 (Prerequisite: MTH 1001; co-requisite: MTH 1002) 4 PHY 2091 Physics Lab 1 (Co-requisite: PHY 1001) 1  SOPHOMORE YEAR – SPRING SEMESTER  CSE 2050 Programming in a Second Language (Prerequisite: CSE 1002, or permission of the instructor) 3  CSE 2400 Applied Statistics (Prerequisite: MTH 1002) 3  CSE 2410 Introduction to Software Engineering (Prerequisites: CSE 2010) 3  HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102) 3  PHY 2002 Physics 2 (Prerequisite: PHY 1001) 4  PHY 2092 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002) 1  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 2010) 3  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010) 3			TH 2051 1			
PHY 1001 Physics 1 (Prerequisite: MTH 1001; co-requisite: MTH 1002) 4 PHY 2091 Physics Lab 1 (Co-requisite: PHY 1001) 1  SOPHOMORE YEAR – SPRING SEMESTER  CSE 2050 Programming in a Second Language (Prerequisite: CSE 1002, or permission of the instructor) 3  CSE 2400 Applied Statistics (Prerequisite: MTH 1002) 3  CSE 2410 Introduction to Software Engineering (Prerequisite: CSE 2010) 3  HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102) 3  PHY 2002 Physics 2 (Prerequisite: PHY 1001) 4  PHY 2092 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002) 1  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1503, ECE 2551) 5  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 2010) 3		MUST PASS WITH A "C" OR BETTER)	1H 2051 and			
PHY 2091 Physics Lab 1 (Co-requisite: PHY 1001)  SOPHOMORE YEAR – SPRING SEMESTER  CSE 2050 Programming in a Second Language (Prerequisite: CSE 1002, or permission of the instructor)  CSE 2400 Applied Statistics (Prerequisite: MTH 1002)  CSE 2410 Introduction to Software Engineering (Prerequisites: CSE 2010)  HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102)  PHY 2002 Physics 2 (Prerequisite: PHY 1001)  PHY 2092 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002)  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1502, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 2010)  3 CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)  3 COM 2012, CM 2022 or CSE 2010						
SOPHOMORE YEAR – SPRING SEMESTER  CSE 2050 Programming in a Second Language (Prerequisite: CSE 1002, or permission of the instructor)  CSE 2400 Applied Statistics (Prerequisite: MTH 1002)  CSE 2410 Introduction to Software Engineering (Prerequisites: CSE 2010)  HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102)  PHY 2002 Physics 2 (Prerequisite: PHY 1001)  PHY 2092 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002)  TOTAL 17  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 2010)  SOCIETATION OF THE ACT OF						
SOPHOMORE YEAR – SPRING SEMESTER  CSE 2050 Programming in a Second Language (Prerequisite: CSE 1002, or permission of the instructor)  CSE 2400 Applied Statistics (Prerequisite: MTH 1002)  CSE 2410 Introduction to Software Engineering (Prerequisites: CSE 2010)  HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102)  PHY 2002 Physics 2 (Prerequisite: PHY 1001)  PHY 2092 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002)  TOTAL 17  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1502, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 2010)  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)	PHY 2091	Physics Lab 1 (Co-requisite: PHY 1001)				
CSE 2050 Programming in a Second Language (Prerequisite: CSE 1002, or permission of the instructor)  CSE 2400 Applied Statistics (Prerequisite: MTH 1002)  CSE 2410 Introduction to Software Engineering (Prerequisites: CSE 2010)  HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102)  PHY 2002 Physics 2 (Prerequisite: PHY 1001)  PHY 2092 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002)  1  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1502, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 2010)  3  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)			TOTAL	17		
instructor)  CSE 2400 Applied Statistics (Prerequisite: MTH 1002)  CSE 2410 Introduction to Software Engineering (Prerequisites: CSE 2010)  HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102)  PHY 2002 Physics 2 (Prerequisite: PHY 1001)  PHY 2092 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002)  I TOTAL 17  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 1002)  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)						
CSE 2410 Introduction to Software Engineering (Prerequisites: CSE 2010)  HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102)  PHY 2002 Physics 2 (Prerequisite: PHY 1001)  PHY 2092 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002)  1  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1502, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 1002)  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)  3  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)	CSE 2050	instructor)	on of the	3		
HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102)  PHY 2002 Physics 2 (Prerequisite: PHY 1001)  PHY 2092 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002)  1  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 1002)  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)  3  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)						
PHY 2002 Physics 2 (Prerequisite: PHY 1001)  PHY 2092 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002)  1  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 1002)  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)  3						
PHY 2092 Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002)  1  TOTAL 17  JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 1002)  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)  3		· ·		3		
JUNIOR YEAR – FALL SEMESTER  CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1502, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 1002)  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)  3				4		
JUNIOR YEAR – FALL SEMESTERCSE 3030Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1502, CSE 1503, ECE 2551)CSE 3101Machine and Assembly Language (Prerequisite: CSE 1002)3CSE 4250Programming Language Concepts (Prerequisite: CSE 2010)3	PHY 2092	Physics Lab 2 (Prerequisite: PHY 2091; co-requisite: PHY 2002)		1		
CSE 3030 Legal, Ethical & Social Issues in Computing (Prerequisites: COM 2012, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1502, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 1002)  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)  3			TOTAL	17		
COM 2224 and at least one of CSE 1002, CSE 1503, ECE 2551)  CSE 3101 Machine and Assembly Language (Prerequisite: CSE 1002)  CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010)  3						
CSE 3101 Machine and Assembly Language (Prerequisite: CSE 1002) CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010) 3	CSE 3030			3		
CSE 4250 Programming Language Concepts (Prerequisite: CSE 2010) 3	CSE 3101		,	3		
LHUM 2052. L Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102)	HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102)		3		

	Restricted Elective (Mathematics)		3	
		TOTAL	15	
JUNIOR YE	EAR – SPRING SEMESTER		•	•
CSE 4001	Operating Systems Concepts (Prerequisites: CSE 2050, CSE 3101)			
CSE 4083	Formal Languages and Automata Theory (Prerequisites:	CSE 2010)	3	
ECE 4551	Computer Architecture (Prerequisite: ECE 3551 or CSE 3101)		3	
	Liberal Arts Elective		3	
	Restricted Elective (Science)		3	
	Free Elective		3	
		TOTAL	18	
SENIOR YE	EAR – FALL SEMESTER		•	•
CSE 4081	Introduction to Analysis of Algorithms (Prerequisites: CSE 2010)		3	
CSE 4101	Computer Science Projects 1 (Prerequisite: Senior standing in Computer Science		3	
	option)	-		
	Restricted Elective (Computer Science)		3	
	Social Science Elective		3	
	Technical Elective or CWE 2001 Cooperative Education 2		3	
	TOTAL		15	
SENIOR YE	EAR – SPRING SEMESTER			
CSE 4102	Computer Science Projects 2 (Prerequisite: Senior standing in Computer Science)		3	
	Humanities Elective		3	
	Restricted Elective (Computer Science)		3	
	Restricted Elective (Computer Science)		3	
	Technical Elective		3	
		TOTAL	15	
	TOTAL CREDITS REQUIRED		130	
	TRANSFER CREDITS AND O	OTHER COURSES		•
Advisor	Depar	rtment Head		'