

----- COLUMN 1 -----	----- COLUMN 2 -----
LAST ENROLLMENT: FALL 2014	F 11 1WRIT1301 4.0 A- University Writing
LAST COLLEGE: 07UGR	SP12 1CSCI1901 4.0 A- Comp Prog I
ADVISER: Allen,Kevin Patrick	SP12 1EE 1001 1.0 S Intro to ECE
CM ADVISER: ECE Dept. Central Advising Com	SP12 1MATH1372 4.0 B+ CSE Calc II
	SP12 1PHYS1302W 4.0 B Phys for Sci and Engr II
	SP12 1PSTL1204 4.0 B+ Ways of Knowing in Soc Sci
SERVICE INDICATORS	F 12 1CSCI1902 4.0 B Comp. Prog. II
DS ComputrEng Computer Engineering	F 12 1EE 2001 3.0 B- Elec Cir
	F 12 1EE 2002 1.0 B+ Cir & Elec Lab
	F 12 1EE 2301 4.0 B Intro Digital Des
* PLEASE NOTE: AT LEAST ONE REQUIREMENT HAS NOT BEEN COMPLETED **	F 12 1MATH2374 4.0 C+ CSE Multivariable Calc
*****	SP13 1CSCI2011 4.0 B- Disc. Structures
Undergraduate students must now apply for degrees online. If	SP13 1EE 2011 3.0 B Lin Sys, Cir, & Elec
you've earned at least 90 credits you are eligible to apply.	SP13 1EE 2361 4.0 C+ Intro Microcontrollers
Go to onestop.umn.edu and click on the "Graduation" link.	SP13 1MATH2373 4.0 B- CSE Lin Alg & Dif Eq III
*****	SP13 1MUS 1471 2.0 A- Guitar: Class I
	F 13 1EE 3015 3.0 C+ Signals and Systems
	F 13 1EE 3101 2.0 A- Cir Elec Lab I
EVALUATION OF TRANSFER CREDITS	F 13 1EE 3115 3.0 C Analog Electronics
*****	F 13 1EE 4363 4.0 B- Comp Arch & Machine Org
*****	F 13 1HIST3416 3.0 B+ Imperialism and its Critics
CREDIT DOES NOT TRANSFER FOR THE FOLLOWING COURSES	SP14 1BBE 2201 3.0 A- Renew Energy and the Environ
SP11 1MATH1271 0.0 N1 CALCULUS AB	SP14 1CSCI4061 4.0 C+ Intro Oper Sys
AP EXAM : MATHAB	SP14 1CSCI4131 3.0 B- Internet Programming
	SP14 1EE 3025 3.0 C+ Statistical Methods
	SP14 1EE 3102 2.0 B- Cir Elec Lab II
NO 128 CREDITS WITH A 2.00 GPA ARE REQUIRED FOR GRADUATION	F 14 1CSCI4041 4.0 IP Algs. & Data Str.
+ 1) OVERALL 2.00 GPA REQUIRED IN UNIV. OF MINNESOTA COURSES	F 14 1CSCI4511W 4.0 IP Intro: Artificial Intelligenc
2.961 GPA	F 14 1CSCI5801 3.0 IP Software Eng. I
+ 2) 2.00 GPA REQUIRED IN COMPUTER ENGINEERING	F 14 1HIST3417 3.0 IP Food in History
AND COMPUTER SCIENCE COURSES	F 14 1RUSS3512 3.0 IP Russ Art & Culture
(EXCLUDING EE 1001, EE 2002 AND EE 2001)	NEEDS: 7.00 CREDITS
2.731 GPA	
- 3) 128 TOTAL CREDITS INCLUDING TRANSFER WORK	IP UNIVERSITY OF MINNESOTA GPA
104.00 CREDITS USED	2.0 REQUIRED FOR GRADUATION
IN-PROG: 17.00 CREDITS	EARNED: 96.00 CREDITS 2.961 GPA
SP10 1CHEM1021 4.0 T4 CHEMISTRY	IN-PROGRESS 17.00 CREDITS
AP EXAM : CHEM	
SP10 1CHEM1022 4.0 T4 CHEMISTRY	* 1) GPA OF U OF M COURSEWORK
AP EXAM : CHEM	2.00 REQUIRED FOR GRADUATION
F 11 1CSE 1001 1.0 A First Year Experience	96.00 CREDITS USED
F 11 1MATH1371 4.0 B+ CSE Calc I	IN-PROG: 17.00 CREDITS
F 11 1MUS 1905 3.0 A Topics: Freshman Seminar	
F 11 1PHYS1301W 4.0 B- Phys for Sci and Engr I	
***** CONTINUED ON COLUMN 2 PAGE 1 *****	CSE TECHNICAL GRADE POINT AVERAGE
	INCLUDES BRACKETED COURSES
	EARNED: 2.821 GPA
*	F 11 1MATH1371 4.0 B+ CSE Calc I
*	F 11 1PHYS1301W 4.0 B- Phys for Sci and Engr I
*	SP12 1CSCI1901 4.0 A- Comp Prog I
* Gaskin,Isaac A	SP12 1EE 1001 1.0 S Intro to ECE
* 1911 Talmage ave SE	SP12 1MATH1372 4.0 B+ CSE Calc II
* Minneapolis MN 55414-1391	SP12 1PHYS1302W 4.0 B Phys for Sci and Engr II
	***** CONTINUED ON COLUMN 3 PAGE 2 *****

----- COLUMN 3 -----			----- COLUMN 4 -----		
F 12 1CSCI1902	4.0 B	Comp. Prog. II	*****		
F 12 1EE 2001	3.0 B-	Elec Cir	*****		
F 12 1EE 2002	1.0 B+	Cir & Elec Lab	*****		
F 12 1EE 2301	4.0 B	Intro Digital Des	*****		
F 12 1MATH2374	4.0 C+	CSE Multivariable Calc	*****		
SP13 1CSCI2011	4.0 B-	Disc. Structures	*****		
SP13 1EE 2011	3.0 B	Lin Sys, Cir, & Elec	*****		
SP13 1EE 2361	4.0 C+	Intro Microcontrollers	*****		
SP13 1MATH2373	4.0 B-	CSE Lin Alg & Dif Eq III	*****		
F 13 1EE 3015	3.0 C+	Signals and Systems	*****		
F 13 1EE 3101	2.0 A-	Cir Elec Lab I	*****		
F 13 1EE 3115	3.0 C	Analog Electronics	*****		
F 13 1EE 4363	4.0 B-	Comp Arch & Machine Org	*****		
SP14 1BBE 2201	3.0 A-	Renew Energy and the Environ	*****		
SP14 1CSCI4061	4.0 C+	Intro Oper Sys	*****		
SP14 1CSCI4131	3.0 B-	Internet Programming	*****		
SP14 1EE 3025	3.0 C+	Statistical Methods	*****		
SP14 1EE 3102	2.0 B-	Cir Elec Lab II	*****		
F 14 1CSCI4041	4.0	IP Algs. & Data Str.	*****		
F 14 1CSCI4511W	4.0	IP Intro: Artificial Intelligenc	*****		
F 14 1CSCI5801	3.0	IP Software Eng. I	*****		
*****			*****		
WRITING INTENSIVE REQUIREMENT			*****		
FRESHMAN WRITING AND FOUR WRITING INTENSIVE COURSES REQUIRED			*****		
COURSES THAT FULFILL WRITING INTENSIVE CAN BE FOUND AT			*****		
onestop.umn.edu/degree_planning/lib_ed/fall_2010_requirements/			*****		
writing_intensive.html			*****		
*****			*****		
OK FRESHMAN WRITING			*****		
+ 1) FRESHMAN WRITING			*****		
1 COURSE TAKEN			*****		
F 11 1WRIT1301	4.0 A-	University Writing	*****		
*****			*****		
NO FOUR WRITING INTENSIVE COURSES			*****		
AT LEAST TWO WI COURSES MUST BE UPPER DIVISION			*****		
(COURSES MUST BE 3XXX OR ABOVE)			*****		
AT LEAST ONE 3XXX - 5XXX COURSE MUST BE IN YOUR MAJOR			*****		
EARNED: 3 COURSES			*****		
--> NEEDS: 1 COURSE			*****		
- 1) UPPER DIVISION WRITING COURSES			*****		
COMPLETE AT LEAST 2 COURSES			*****		
WRIT 3562W COUNTS AS 2 UPPER DIVISION WRITING COURSES			*****		
F 14 1CSCI4511W	4.0	IP Intro: Artificial Intelligenc	*****		
*****			*****		
* 2) ADDITIONAL LOWER DIVISION WRITING INTENSIVE COURSES			*****		
F 11 1PHYS1301W	4.0 B-	Phys for Sci and Engr I	*****		
SP12 1PHYS1302W	4.0 B	Phys for Sci and Engr II	*****		
*****			*****		
***** CONTINUED ON COLUMN 4 PAGE 2 *****			***** CONTINUED ON COLUMN 5 PAGE 3 *****		

----- COLUMN 5 -----				----- COLUMN 6 -----			
IN-PROG: 3.00 CREDITS				2 GROUPS TAKEN			
F 14 1RUSS3512 3.0 IP Russ Art & Culture				SP12 1CSCI1901 4.0 A- Comp Prog I			
-----				SP13 1CSCI2011 4.0 B- Disc. Structures			
OK DIVERSIFIED CORE - MATHEMATICAL THINKING				+ 2) SURVEY OF DATA STRUCTURES & ALGORITHMS I & II AND			
EARNED: 1 COURSE 1 SUB-GROUP				STRUCTURE AND PROGRAMMING OF SOFTWARE SYSTEMS			
+ 1) MATHEMATICAL THINKING				3 GROUPS TAKEN			
1 GROUP TAKEN				IN-PROG:			
F 11 1MATH1371 4.0 B+ CSE Calc I				F 12 1CSCI1902 4.0 B Comp. Prog. II			
-----				SP14 1CSCI4061 4.0 C+ Intro Oper Sys			
IP DESIGNATED THEMES OF LIBERAL EDUCATION				F 14 1CSCI4041 4.0 IP Algs. & Data Str.			
-----				-----			
A MINIMUM OF FOUR COURSES				OK EE CORE COURSES - LOWER DIVISION -COMPLETE			
ONE COURSE AND A MINIMUM OF 3 CREDITS				EARNED: 2.778 GPA			
IN FOUR OF THE FOLLOWING FIVE THEMES				+ 1) INTRODUCTION TO CIRCUITS AND ELECTRONICS LABORATORY			
EARNED: 4 SUB-GROUPS				F 12 1EE 2002 1.0 B+ Cir & Elec Lab			
+ 1) CIVIC LIFE AND ETHICS				+ 2) INTRODUCTION TO CIRCUITS & ELECTRONICS			
1 GROUP TAKEN				F 12 1EE 2001 3.0 B- Elec Cir			
F 13 1HIST3416 3.0 B+ Imperialism and its Critics				+ 3) LINEAR SYSTEMS. CIRCUITS, AND ELECTRONICS			
+ 2) DIVERSITY AND SOCIAL JUSTICE IN THE UNITED STATES				SP13 1EE 2011 3.0 B Lin Sys, Cir, & Elec			
1 COURSE TAKEN				+ 4) INTRODUCTION TO DIGITAL SYSTEM DESIGN, COMPUTER			
SP12 1PSTL1204 4.0 B+ Ways of Knowing in Soc Sci				ARCHITECTURE AND ASSEMBLY LANGUAGE			
+ 3) THE ENVIRONMENT				F 12 1EE 2301 4.0 B Intro Digital Des			
1 GROUP TAKEN				SP13 1EE 2361 4.0 C+ Intro Microcontrollers			
IN-PROG:				-----			
F 14 1HIST3417 3.0 IP Food in History				OK ELECTRICAL ENGINEERING COMPUTER ENGINEERING PROGRAM			
+ 4) TECHNOLOGY AND SOCIETY				CORE COURSES - UPPER DIVISION			
1 COURSE TAKEN				EARNED: 2.549 GPA			
SP14 1BBE 2201 3.0 A- Renew Energy and the Environ				+ 1) SIGNALS AND SYSTEMS			
-----				F 13 1EE 3015 3.0 C+ Signals and Systems			
*****				+ 2) STATISTICAL METHODS IN ELECTRICAL AND			
REQUIREMENTS SPECIFIC TO CSE MAJORS				COMPUTER ENGINEERING			
ALL COURSES MAY NOT BE REQUIRED FOR ALL MAJORS				SP14 1EE 3025 3.0 C+ Statistical Methods			
*****				+ 3) ANALOG ELECTONICS			
-----				F 13 1EE 3115 3.0 C Analog Electronics			
OK CSE MATH REQUIREMENT COMPLETE				+ 4) COMPUTER ARCHITECTURE			
F 11 1MATH1371 4.0 B+ CSE Calc I				F 13 1EE 4363 4.0 B- Comp Arch & Machine Org			
SP12 1MATH1372 4.0 B+ CSE Calc II				+ 5) ELECTRICAL ENGINEERING LABORATORY			
SP13 1MATH2373 4.0 B- CSE Lin Alg & Dif Eq III				F 13 1EE 3101 2.0 A- Cir Elec Lab I			
F 12 1MATH2374 4.0 C+ CSE Multivariable Calc				SP14 1EE 3102 2.0 B- Cir Elec Lab II			
-----				-----			
OK REQUIRED PHYSICS COURSES				NO TECHNICAL PROGRAM - A TOTAL OF 28 CREDITS REQUIRED			
F 11 1PHYS1301W 4.0 B- Phys for Sci and Engr I				EARNED: 3.00 CREDITS			
SP12 1PHYS1302W 4.0 B Phys for Sci and Engr II				IN-PROGRESS 7.00 CREDITS			
-----				--> NEEDS: 18.00 CREDITS			
-----				-----			
OK REQUIRED PHYSICS COURSES				NO 22 CREDITS REQUIRED IN THE FOLLOWING GROUPS COMBINED			
F 11 1PHYS1301W 4.0 B- Phys for Sci and Engr I				EARNED: 3.00 CREDITS 0 SUB-GROUPS 2.667 GPA			
SP12 1PHYS1302W 4.0 B Phys for Sci and Engr II				IN-PROGRESS 7.00 CREDITS			
-----				--> NEEDS: 12.00 CREDITS 1 SUB-GROUP			
IP COMPUTER SCIENCE REQUIREMENT				- 1) SENIOR DESIGN PROJECT			
+ 1) STRUCTURE OF COMPUTER PROGRAMMING I AND				SELECT FROM: 1EE 4951W			
DISCRETE STRUCTURES OF COMPUTER SCIENCE				-----			
***** CONTINUED ON COLUMN 6 PAGE 3 *****				***** CONTINUED ON COLUMN 7 PAGE 4 *****			

----- COLUMN 7 -----	----- COLUMN 8 -----
- OR) SENIOR HONORS DESIGN PROJECT SELECT FROM: 1EE 4981H & 4982V	* 1) THE FOLLOWING COURSES ARE USED TO MEET DEGREE REQUIREMENTS SPECIFIC TO THIS DEGREE PROGRAM.
2) ADDITIONAL 4XXX/5XXX EE OR CSCI COURSES SELECTED TO BRING TOTAL TO AT LEAST 22 CREDITS REQUIRED	EXAMPLES OF THESE REQUIREMENTS MAY INCLUDE:
SP14 1CSCI4131 3.0 B- Internet Programming	CLE AND WRITING INTENSIVE REQUIREMENTS, MAJOR CORE
F 14 1CSCI4511W 4.0 IP Intro: Artificial Intelligenc	REQUIRED COURSES, AND MAJOR REQUIRED ELECTIVES,
F 14 1CSCI5801 3.0 IP Software Eng. I	IF THESE REQUIREMENTS ARE APPLICABLE.
NOT FROM: 1EE 3041 ,4043W,4044 ,4962 ,4961 ,3961	97.00 CREDITS USED
SELECT FROM: 1EE 4*** ,5*** 1CSCI 4*** ,5***	IN-PROG: 17.00 CREDITS
-----	SP10 1CHEM1021 4.0 T4 CHEMISTRY
NO LAB EXPERIENCES	AP EXAM : CHEM
- 1) MUST COMPLETE A TOTAL OF THREE 4XXX/5XXX LEVEL LAB EXPERIENCES	SP10 1CHEM1022 4.0 T4 CHEMISTRY
0 COURSES TAKEN	AP EXAM : CHEM
IN-PROG: 1 COURSE TAKEN	F 11 1MATH1371 4.0 B+ CSE Calc I
F 14 1CSCI4511W 4.0 IP Intro: Artificial Intelligenc	F 11 1PHYS1301W 4.0 B- Phys for Sci and Engr I
NEEDS: 2 COURSES	F 11 1WRIT1301 4.0 A- University Writing
SELECT FROM: 1EE 4111 ,4235 ,4237 ,4301 ,4341 ,4505 ,	SP12 1CSCI1901 4.0 A- Comp Prog I
1EE 4703 ,4721 (F 99-SI06),4722 (F 06OR AFTER),	SP12 1MATH1372 4.0 B+ CSE Calc II
1EE 4743 ,4951W,4981H,4982V,4301 ,4341 ,5141 ,5173 ,	SP12 1PHYS1302W 4.0 B Phys for Sci and Engr II
1EE 5327 ,5545 ,5613 ,5622 ,5628 ,5657W,	SP12 1PSTL1204 4.0 B+ Ways of Knowing in Soc Sci
1EE 5811 (F 99-S210) 1CSCI 5511 (F 09OR AFTER)	F 12 1CSCI1902 4.0 B Comp. Prog. II
1EE 4930	F 12 1EE 2001 3.0 B- Elec Cir
-----	F 12 1EE 2002 1.0 B+ Cir & Elec Lab
NO BREADTH AND DEPTH REQUIREMENTS	F 12 1EE 2301 4.0 B Intro Digital Des
ONE COURSE CHOSEN FROM FOUR SPECIALITY AREAS AND TWO COURSES CHOSEN FROM ONE SPECIALTY AREA	F 12 1MATH2374 4.0 C+ CSE Multivariable Calc
EARNED: 3 COURSES 3 SUB-GROUPS	SP13 1CSCI2011 4.0 B- Disc. Structures
--> NEEDS: 2 COURSES 1 SUB-GROUP	SP13 1EE 2011 3.0 B Lin Sys, Cir, & Elec
- 1) COMPUTER ARCHITECTURE	SP13 1EE 2361 4.0 C+ Intro Microcontrollers
SELECT FROM: 1EE 4389W,5364 ,5371 ,5393 1CSCI 5104 ,	SP13 1MATH2373 4.0 B- CSE Lin Alg & Dif Eq III
1CSCI 5204	F 13 1EE 3015 3.0 C+ Signals and Systems
+ 2) ROBOTICS AND EMBEDDED SYSTEM DESIGN	F 13 1EE 3101 2.0 A- Cir Elec Lab I
F 14 1CSCI4511W 4.0 IP Intro: Artificial Intelligenc	F 13 1EE 3115 3.0 C Analog Electronics
- 3) VLSI AND CAD	F 13 1EE 4363 4.0 B- Comp Arch & Machine Org
SELECT FROM: 1EE 4301 1CSCI 5283 1EE 5301 ,5302 ,	F 13 1HIST3416 3.0 B+ Imperialism and its Critics
1EE 5323 ,5324 ,5327 ,5329 ,5333	SP14 1BBE 2201 3.0 A- Renew Energy and the Environ
+ 4) NETWORKS AND COMMUNICATION	SP14 1CSCI4061 4.0 C+ Intro Oper Sys
SP14 1CSCI4131 3.0 B- Internet Programming	SP14 1CSCI4131 3.0 B- Internet Programming
+ 5) SYSTEMS AND SOFTWARE DESIGN	SP14 1EE 3025 3.0 C+ Statistical Methods
F 14 1CSCI5801 3.0 IP Software Eng. I	SP14 1EE 3102 2.0 B- Cir Elec Lab II
- 6) COMPUTATIONAL SCIENCE	F 14 1CSCI4041 4.0 IP Algs. & Data Str.
SELECT FROM: 1CSCI 5302 ,5304 ,5451 ,5461 ,5481 ,5523 ,	F 14 1CSCI4511W 4.0 IP Intro: Artificial Intelligenc
1CSCI 5609	F 14 1CSCI5801 3.0 IP Software Eng. I
-----	F 14 1HIST3417 3.0 IP Food in History
COURSES CURRENTLY NOT USED IN THIS PROGRAM	F 14 1RUSS3512 3.0 IP Russ Art & Culture
-----	2) THE NEEDS: AREA INDICATES THE MINIMUM TOTAL CREDITS THAT ARE REQUIRED FOR COMPLETION OF THIS DEGREE PROGRAM IF EVERY COURSE TAKEN MEETS ONLY ONE REQUIREMENT WITHOUT DOUBLE DIPPING.
	NEEDS: 137.00 CREDITS

	ELECTIVE HOURS

----- COLUMN 9 -----

+ 1) THE NEEDS: AREA INDICATES THE TOTAL NUMBER OF CREDITS THAT ARE CONSIDERED FREE ELECTIVE CREDITS NEEDED TO MEET THE MINIMUM DEGREE CREDIT REQUIREMENT OF 120 CREDITS FOR A BACHELOR'S DEGREE.

2) THE FOLLOWING ARE FREE ELECTIVE COURSES THAT ARE COUNTED TO MEET THE MINIMUM DEGREE CREDIT REQUIREMENT

* 3) ELECTIVE COURSES CURRENTLY NOT APPLICABLE TO THIS DEGREE PROGRAM. PLEASE NOTE THAT COURSES FALLING INTO THIS CATEGORY MAY BE COURSES THAT HAVE BEEN USED TO SATISFY A COURSE PREREQUISITE, PROGRAM PREREQUISITE, ADDITIONAL MAJOR(S), OR MINOR(S) REQUIREMENTS. PLEASE CONTACT YOUR ADVISOR BEFORE CHANGING YOUR REGISTRATION.

7.00 CREDITS USED

F 11 1CSE 1001	1.0 A	First Year Experience
F 11 1MUS 1905	3.0 A	Topics: Freshman Seminar
SP12 1EE 1001	1.0 S	Intro to ECE
SP13 1MUS 1471	2.0 A-	Guitar: Class I

----- COLUMN 10 -----

AMENDED PROHIBITS THE RELEASE OF THIS RECORD OR DISCLOSURE OF ITS CONTENTS TO ANY THIRD PARTY WITHOUT THE WRITTEN CONSENT OF THE STUDENT

***** END OF REPORT *****

THIS REPORT HAS BEEN PREPARED TO ASSIST YOU IN DETERMINING YOUR ACADEMIC PROGRESS AT THE UNIVERSITY OF MINNESOTA. WHILE EVERY EFFORT HAS BEEN MADE TO INSURE ITS ACCURACY, FINAL RESPONSIBILITY FOR MEETING GRADUATION REQUIREMENTS RESIDES WITH YOU.

***** LEGEND *****

COURSE FORMAT: CAMPUS CODE/COURSE DESIGNATOR/COURSE NUMBER

CAMPUS CODES: 1-TWIN CITIES 3-DULUTH 4- MORRIS

5-CROOKSTON 7-WASECA

(EXAMPLE: 1PSY 1001 = TWIN CITIES, PSYCHOLOGY 1001)

TRANSFERRED COURSES (NOT U OF M) HAVE NO CAMPUS CODE

NOTE: '*' IN COURSE DESIGNATOR OR NUMBER MATCHES ANY CHARACTER

* * * * *

---- REQUIREMENT SYMBOLS ----

NO -REQUIREMENT NOT COMPLETED | >C -CROSS-LISTED COURSES, ONLY

OK -REQUIREMENT COMPLETE | ONE OF A SET COUNTS

IP -REQUIREMENT/SUB-REQUIREMENT | >D -DUPLICATE, COURSE TAKEN

COMPLETED USING IN-PROGRESS | MULTIPLE TIMES COUNTS ONCE

COURSEWORK | (THIS ONE DOESN'T COUNT)

+ -SUBREQUIREMENT COMPLETE | IP -COURSE IN PROGRESS

- -SUBREQUIREMENT NOT COMPLETE | >R -REPEATABLE COURSE, COUNTS

* -SUB-REQUIREMENT COMPLETION | MORE THAN ONCE

SYMBOL (+ OR -) NOT NEEDED | >S -CREDITS FOR THIS COURSE

R -MANDATORY SUBREQUIREMENT | SPLIT BETWEEN REQUIREMENTS

CW -COURSE WAIVED | RW -REQUIREMENT WAIVED

EC -EVENT COMPLETION

* * * * *

(R)-IN COURSE LIST, IDENTIFIES A REQUIRED COURSE

THE FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT OF 1974 AS

***** CONTINUED ON COLUMN 10 PAGE 5 *****