

Curriculum Report: Colostate_CS_2017

Overview

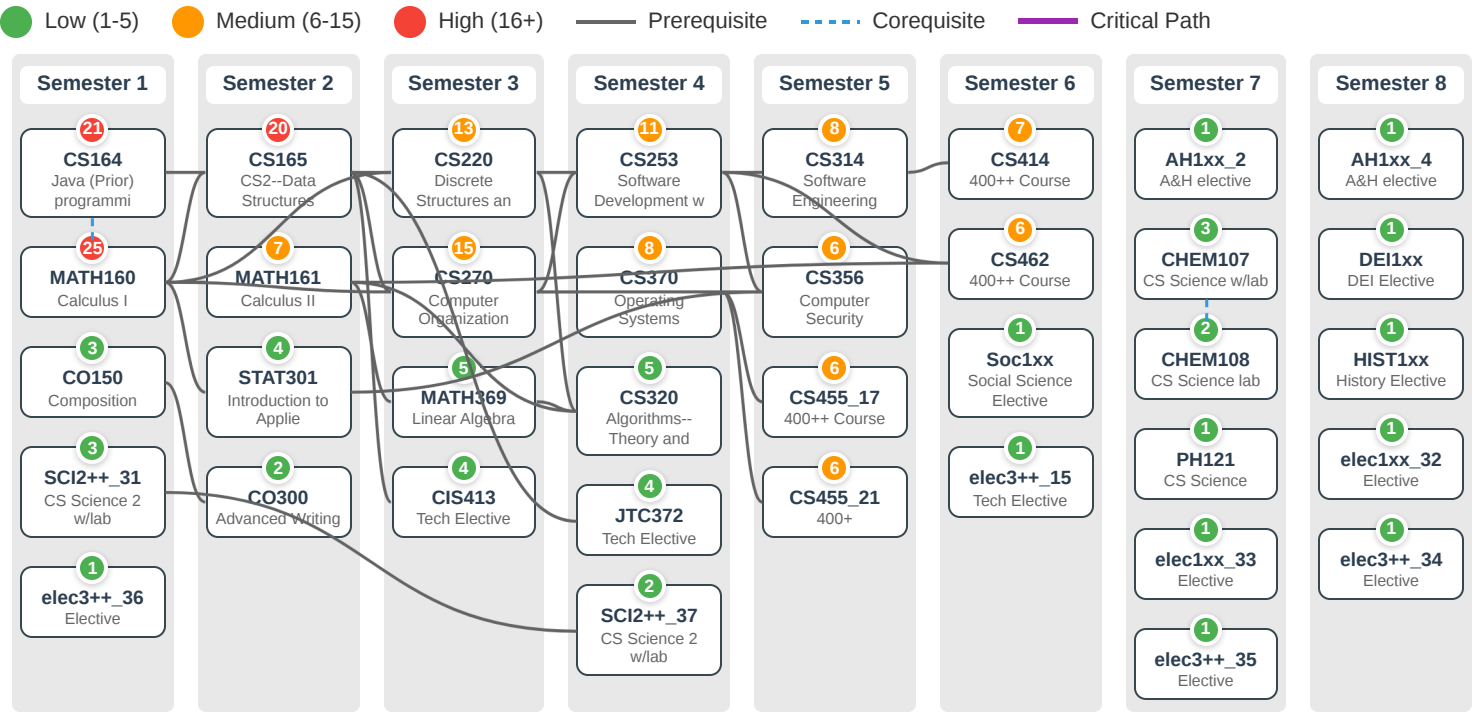
INSTITUTION Colorado State University	DEGREE BS Colostate_CS_2017	SYSTEM semester	YEARS 4
CIP CODE 11.0701	TOTAL CREDITS 120.0	TOTAL COURSES 37	

Complexity Metrics

TOTAL COMPLEXITY 208	LONGEST DELAY 7 MATH160	HIGHEST CENTRALITY 124 CS165
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Critical Path: MATH160 → CS270 → CS253 → CS314 → CS414

Curriculum Graph



Term Schedule

Term	Courses	Credits
1	CS164 Java (Prior) programming experience MATH160 Calculus I CO150 Composition SCI2++_31 CS Science 2 w/lab elec3++_36 Elective	17.0
2	CS165 CS2--Data Structures MATH161 Calculus II STAT301 Introduction to Applied Statistical Methods CO300 Advanced Writing	15.0
3	CS220 Discrete Structures and their Applications CS270 Computer Organization MATH369 Linear Algebra CIS413 Tech Elective	14.0
4	CS253 Software Development with C++ CS370 Operating Systems CS320 Algorithms--Theory and Practice JTC372 Tech Elective SCI2++_37 CS Science 2 w/lab	15.0
5	CS314 Software Engineering CS356 Computer Security CS455_17 400++ Course CS455_21 400+	14.0
6	CS414 400++ Course CS462 400++ Course Soc1xx Social Science Elective elec3++_15 Tech Elective	14.0
7	AH1xx_2 A&H elective CHEM107 CS Science w/lab CHEM108 CS Science lab PH121 CS Science elec1xx_33 Elective elec3++_35 Elective	16.0
8	AH1xx_4 A&H elective DEI1xx DEI Elective HIST1xx History Elective elec1xx_32 Elective elec3++_34 Elective	15.0

Course Metrics

Course	Name	Cr	Cplx	Blk	Dly	Ctr
MATH160	Calculus I	4.0	25	18	7	0
CS164	Java (Prior) programming experience	4.0	21	14	7	68
CS165	CS2--Data Structures	4.0	20	13	7	124
CS270	Computer Organization	4.0	15	8	7	90
CS220	Discrete Structures and their Applications	4.0	13	6	7	60
CS253	Software Development with C++	4.0	11	4	7	96
CS314	Software Engineering	3.0	8	1	7	36
CS370	Operating Systems	3.0	8	2	6	30
MATH161	Calculus II	4.0	7	3	4	10
CS414	400++ Course	4.0	7	0	7	0
CS356	Computer Security	3.0	6	0	6	0
CS455_17	400++ Course	4.0	6	0	6	0
CS462	400++ Course	4.0	6	0	6	0
CS455_21	400+	4.0	6	0	6	0
CS320	Algorithms--Theory and Practice	3.0	5	0	5	0
MATH369	Linear Algebra	3.0	5	1	4	4
STAT301	Introduction to Applied Statistical Methods	4.0	4	1	3	3
JTC372	Tech Elective	3.0	4	0	4	0
CIS413	Tech Elective	3.0	4	0	4	0
CO150	Composition	3.0	3	1	2	0
CHEM107	CS Science w/lab	3.0	3	1	2	0
SCI2++_31	CS Science 2 w/lab	3.0	3	1	2	0
CO300	Advanced Writing	3.0	2	0	2	0
CHEM108	CS Science lab	1.0	2	0	2	0
SCI2++_37	CS Science 2 w/lab	2.0	2	0	2	0
AH1xx_2	A&H elective	3.0	1	0	1	0
AH1xx_4	A&H elective	3.0	1	0	1	0
elec3++_15	Tech Elective	3.0	1	0	1	0
PH121	CS Science	3.0	1	0	1	0
DEI1xx	DEI Elective	3.0	1	0	1	0
HIST1xx	History Elective	3.0	1	0	1	0
Soc1xx	Social Science Elective	3.0	1	0	1	0
elec1xx_32	Elective	3.0	1	0	1	0

Course	Name	Cr	Cplx	Blk	Dly	Ctr
elec1xx_33	Elective	3.0	1	0	1	0
elec3++_34	Elective	3.0	1	0	1	0
elec3++_35	Elective	3.0	1	0	1	0
elec3++_36	Elective	3.0	1	0	1	0

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