

Curriculum Report: Computer Science

Overview

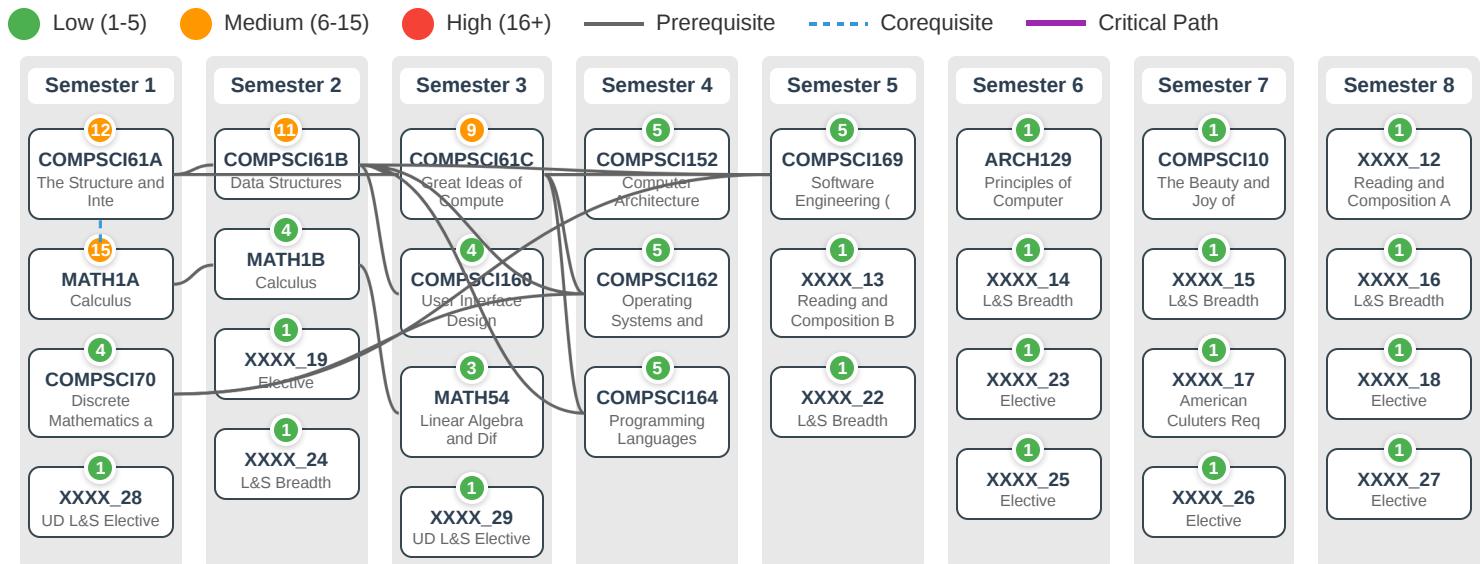
INSTITUTION California Berkeley	DEGREE BA Computer Science	SYSTEM semester	YEARS 4
CIP CODE 11.07	TOTAL CREDITS 113.0	TOTAL COURSES 30	

Complexity Metrics

TOTAL COMPLEXITY 100	LONGEST DELAY 5 COMPSCI61A	HIGHEST CENTRALITY 52 COMPSCI61A
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Critical Path: (COMPSCI61A+MATH1A) → COMPSCI61B → COMPSCI61C → COMPSCI164

Curriculum Graph



Term Schedule

Term	Courses	Credits
1	COMPSCI61A The Structure and Interpretation of Computer Programs MATH1A Calculus COMPSCI70 Discrete Mathematics and Probability Theory XXXX_28 UD L&S Elective	16.0
2	COMPSCI61B Data Structures MATH1B Calculus XXXX_19 Elective XXXX_24 L&S Breadth	15.0
3	COMPSCI61C Great Ideas of Computer Architecture COMPSCI160 User Interface Design and Development (Upper Division CS Elective) MATH54 Linear Algebra and Differential Equations XXXX_29 UD L&S Elective	15.0
4	COMPSCI152 Computer Architecture and Engineering (Upper Division CS Elective) COMPSCI162 Operating Systems and System Programming (Upper Division CS Elective) COMPSCI164 Programming Languages and Compilers (Upper Division CS Elective)	12.0
5	COMPSCI169 Software Engineering (Upper Division CS Elective) XXXX_13 Reading and Composition B XXXX_22 L&S Breadth	12.0
6	ARCH129 Principles of Computer Aided Architectural Design (Non CS Technical Elective) XXXX_14 L&S Breadth XXXX_23 Elective XXXX_25 Elective	14.0
7	COMPSCI10 The Beauty and Joy of Computing XXXX_15 L&S Breadth XXXX_17 American Culuters Req XXXX_26 Elective	14.0
8	XXXX_12 Reading and Composition A XXXX_16 L&S Breadth XXXX_18 Elective XXXX_27 Elective	15.0

Course Metrics

Course	Name	Cr	Cplx	Blk	Dly	Ctr
MATH1A	Calculus	4.0	15	10	5	0
COMPSCI61A	The Structure and Interpretation of Computer Programs	4.0	12	7	5	52
COMPSCI61B	Data Structures	4.0	11	6	5	36
COMPSCI61C	Great Ideas of Computer Architecture	4.0	9	4	5	36
COMPSCI169	Software Engineering (Upper Division CS Elective)	4.0	5	0	5	0
COMPSCI164	Programming Languages and Compilers (Upper Division CS Elective)	4.0	5	0	5	0
COMPSCI152	Computer Architecture and Engineering (Upper Division CS Elective)	4.0	5	0	5	0
COMPSCI162	Operating Systems and System Programming (Upper Division CS Elective)	4.0	5	0	5	0
COMPSCI70	Discrete Mathematics and Probaility Theory	4.0	4	2	2	0
MATH1B	Calculus	4.0	4	1	3	3
COMPSCI160	User Interface Design and Development (Upper Division CS Elective)	4.0	4	0	4	0
MATH54	Linear Algebra and Differntial Equations	4.0	3	0	3	0
ARCH129	Principles of Computer Aided Architectural Design (Non CS Technical Elective)	4.0	1	0	1	0
XXXX_12	Reading and Composition A	4.0	1	0	1	0
XXXX_13	Reading and Composition B	4.0	1	0	1	0
XXXX_14	L&S Breadth	4.0	1	0	1	0
XXXX_15	L&S Breadth	3.0	1	0	1	0
XXXX_16	L&S Breadth	3.0	1	0	1	0
XXXX_17	American Culuters Req	4.0	1	0	1	0
XXXX_18	Elective	4.0	1	0	1	0
XXXX_19	Elective	3.0	1	0	1	0
XXXX_22	L&S Breadth	4.0	1	0	1	0
XXXX_23	Elective	3.0	1	0	1	0
XXXX_24	L&S Breadth	4.0	1	0	1	0
XXXX_25	Elective	3.0	1	0	1	0
XXXX_26	Elective	3.0	1	0	1	0
XXXX_27	Elective	4.0	1	0	1	0
XXXX_28	UD L&S Elective	4.0	1	0	1	0
XXXX_29	UD L&S Elective	3.0	1	0	1	0
COMPSCI10	The Beauty and Joy of Computing	4.0	1	0	1	0

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