



Bachelor of Science in Computer Science Transfer Guide Regis Bulletin 2018-19

**Transfer Guide Covers Credits Earned from any Colorado Community College
Bachelor of Science in Computer Science**

Core Course Requirements	Colorado Community College Courses	Credits
Oral Composition	COM 115	3
Written Composition	ENG 121	3
Advanced Oral or Written Communication	ENG 122; COM 216	3
Language and Global Awareness	ANT 101, 215; ARA 111 - 112, 211; ASL 121 - 123, 221 - 222, 224; BUS 203; CHI 111 - 112, 211; COM 220; FRE 111 - 112, 211 - 212; GEO 105; GER 111 - 112, 211 - 212; HIS 101 - 112, 205, 243 - 255, 259 - 260; HUM 115; ITA 111 - 112, 211 - 212; JPN 111 - 112, 211 - 212; MAR 240; POS 205, 225; RUS 111 - 112; 211 - 212; SPA 111 - 112, 211 - 212	6 - 8
Engagement with Literature and Arts	ARA 111 - 112, 211 - 212, 211; ART 110 - 167, 205 - 266; ASL 101 - 125, 221 - 244; BUS 217; CHI 111 - 112, 211; COM 125, 209 - 230; ENG 131 - 132, 201 - 237; FRE 111 - 112, 211 - 212; GER 111 - 112, 211, 212; HUM 103 - 164; ITA 111 - 112, 211 - 212; JOU 105 - 121, 215 - 241; JPN 111 - 112; 211 - 212; LIT 115 - 125, 201 - 268; MUS 100 - 168, 210 - 211; RUS 111 - 112, 211 - 212; SPA 111 - 112, 211 - 212; THE 105 - 141, 211 - 255	3
Required Humanities Course, must be taken at Regis University	HU 336 Leading Lives That Matter	3
Quantitative Literacy	Computer Science students in the College of Computer & Information Science must take MT 320 - Discrete Mathematics to fulfill the core studies.	3 - 4
The Natural World	AST 101 - 102; BIO 105 - 115, 201 - 222; CHE 101 - 112, 205 - 212; ENV 101; GEO 111 - 112; GEY 111 - 135, 205; PHY 105 - 112, 211 - 213 (A natural science with corresponding laboratory)	3 - 4
Required Ethics Course, must be taken at Regis University	Students majoring in Computer Information Systems are required to take CIS 318 - Ethics for the Information Technology Professional.	3
Philosophical Inquiry and Reflection	PHI 111 - 142, 201 - 220	3
Exploring Religious Traditions	HUM 118; PHI 114 - 118, 123 - 124, 140 - 142, 202 - 204, 214	6
Understanding Human Behavior, Diversity and Culture	ANT 101 - 126, 201 - 263; CRJ 110 - 145, 205 - 268; ECE 101, 103 - 111, 120 - 161, 220 - 266; ECO 101, 201 - 245, EDU 111 - 141, 194 - 226; GEO 105 - 106, 200; HIS 101 - 122, 203 - 265; POS 105 - 136, 205 - 225; PSY 101 - 102, 205 - 265; SOC 101 - 102, 205 - 265; WST 200 - 249	6

Total Core		45 - 49
Lower Foundational Requirements		
Natural Science Course with Laboratory	AST 101 - 102; BIO 111 - 115, 201 - 222; CHE 101 - 112, 205 - 212; ENV 101; GEY 111 - 112; PHY 111 - 112, 211 - 213; SCI 155 - 156 (A natural science with corresponding laboratory)	4
CS 210 - Introduction to Programming	CSC 240	3
CS 310 - Data Structures	CSC 241	3
CS 324 - Algorithms & Complexity	Regis University	3
CS 390 - Principles of Programming Language	Regis University	3
CS 366 - Web and Database Applications OR CS 338 - Mobile and Enterprise Computing	Regis University	3
Computer Science elective (300 or 400 level)	Regis University	3
MT 360A - Calculus I	MAT 201	4
MT 360B - Calculus II	MAT 202	4
Total Lower Foundational Requirements		30
Upper Division Major Requirements		
CS 431 - Operating Systems Design & Analysis	Regis University	3
CS 440 - Computer Organization and Architecture	Regis University	3
CS 444 - Software Engineering	Regis University	3
CS 464 - Artificial Intelligence: Natural Networks OR CS 473 - Artificial Intelligence	Regis University	3
CS 469 - Distributed Systems	Regis University	3
CS 475 - Computation Theory	Regis University	3
CS 479 - Ethical Leadership in Computer Science	Regis University	3
CS 493 - Senior Capstone	Regis University	3
MT 415 - Linear Algebra	Regis University	3
MT 472 - Probability and Statistics OR MT 270A - Mathematical Statistics	Regis University	3
Concentration Electives		
<i>Computer Science Concentration choose nine hours from the following:</i>		
CS 417 - Artificial Life	Regis University	3
CS 421 - Data Science	Regis University	3
CS 433 - Computer Systems Security	Regis University	3
CS 441 - Digital Design Theory and Technologies	Regis University	3
CS 445 - Database Management	Regis University	3
CS 450 - Data Networks	Regis University	3
CS 451 - Telecommunications: Applied Digital Signal Processing	Regis University	3
CS 462 - Computer System Performance Analysis	Regis University	3
CS 465 - UNIX Operating Systems	Regis University	3
CS 468 - Advanced UNIX	Regis University	3
CS 490 E-W - Independent Study in Computer Science	Regis University	3
CS 498 E-W - Internship in Computer Science	Regis University	3
<i>Computer Information Systems Concentration:</i>		
Nine hours of Upper Division Computer Information Systems (CIS) coursework selected in consultation with an academic advisor	Regis University	9

<i>Information Technology Concentration:</i>		
Nine hours of Upper Division Information Technology (CIT) coursework selected in consultation with an academic advisor	Regis University	9
Total Upper Division Major Requirements		39
Electives		
General Electives	To be completed at Community College or Regis	5 - 6
Total General Electives		5 - 6
Total Needed for Graduation		120

66 credits to be completed at Community College



54 credits to be completed at Regis University



120 total credits

NEXT STEP: Request unofficial transcript evaluation from ATOB@regis.edu

REGIS.EDU/TRANSFER | 1.800.944.7667 | ATOB@REGIS.EDU

Regis University undergraduate students must complete 30 semester hours (SH) at the upper division level at Regis University. This document is an unofficial, informational guide. Please review Regis University's Academic Bulletin for transfer policies and degree requirements.

Regis University is regionally accredited by the Higher Learning Commission