Computer Science & Engineering
CLOUD COMPUTING BACHELOR OF SCIENCE (BS)

RECOMMENDED COURSE ORDER - catalog: 2024-2025

BYU IDAHO

FRESHMAN

ITM 101 Intro to Cloud Technologies ⭐	2
ITM 112 Introduction to Linux ⭐	2
CSE 110 Introduction to Programming	2

ITM 111 OR 220 Introduction to Databases / SQL	3
WDD 130 Web Fundamentals ⭐	2
CSE 111 Programming with Functions	2

SOPHOMORE

CYBER 201 Cybersecurity Fundamentals	2
WDD 131 Dynamic Web Fundamentals ⭐	2
CYBER 240 Networking	3

ITM 300 Cloud Foundations ⭐	3
WDD 231 Web Frontend Development I	2
CSE 210 Programming with Classes	2

TAKE DURING OFF TRACK BEFORE JUNIOR YEAR

| ITM 295 OR ITM 298 Practicum or Intro Internship | 1 |

JUNIOR

ITM 310 Applied Cloud Computing ⭐	3
CSE 300 Professional Readiness	1
BUS 200 Small Business Management	3

ITM 350 IT Management and DevOps	3
CSE 341 Web Services	3
BUS 310 Launching New Ventures	3
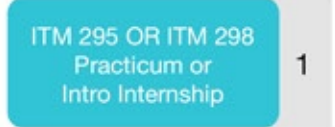
TAKE DURING OFF TRACK BEFORE SENIOR YEAR

| ITM 398 Internship | 1-3 |

SENIOR

| ITM 400 Cloud Architecture | 4 |
| BUS 321 Organizational Leadership | 3 |

| ITM 450 DevOps II | 3 |

⭐ INDICATES BYU-I CLOUD COMPUTING CERTIFICATE COURSES

BLACK OUTLINE INDICATES AWS CERTIFICATE PREPARATION