

Program Requirements



Complete the following introductory (Certificate #1)	Web & Computer Programming		
Complete TWO of the following advanced certificates (Certificate #2 and Certificate #3):	Web Development		
	Database		
	Software Development		
	System Administration		
Complete additional required courses:	CSE 499 or GS 497	Senior Project or Professional Projects <i>Substitute for CIT 490 and CIT 498</i>	2

COMPLETE ALL GENERAL EDUCATION AND RELIGIOUS EDUCATION REQUIREMENTS, INCLUDING 15 UPPER-DIVISION CREDITS (300 OR 400 LEVEL COURSES), AT LEAST 30 CREDITS TAKEN IN RESIDENCY, AND A MINIMUM CUMULATIVE GRADE POINT AVERAGE OF 2.0.

Recommended Degree Plan Example

We recommend taking courses in the order listed in the degree plan below. You can take 1-4 courses each block based on your availability, but we recommend taking 4-6 credits each block to graduate more quickly.

Advanced Path Additional Requirements

If you skip PathwayConnect, you must make up those credits by completing GE 103: Online University Skills (1 credit) and additional elective courses (6 credits).

BLOCK ORDER	COURSE CODE	COURSE NAME	CREDITS
1	PC 101	Life Skills	3
	REL 250A	Jesus Christ & His Everlasting Gospel	1
2	PC 102	Professional Skills	3
	REL 250B	Jesus Christ & His Everlasting Gospel	1
3	PC 103	University Skills	1
	CSEPC 110 or CSE 110	Introduction to Programming	2

PathwayConnect Completed			
4	WDD 130	Web Fundamentals	2
	REL 275A	Teachings and Doctrine of the Book of Mormon	1
5	CSE 111	Programming with Functions	2
	REL 275B	Teachings and Doctrine of the Book of Mormon	1
6	WDD 131	Dynamic Web Fundamentals <i>*Substitute WDD 131 and WDD 231 for CSE 121B and WDD 230</i>	2
	GS 170	Career Development	1
	MATH 108X	Math for the Real World- General Education Course	3
7	WDD 231	Web Frontend Development I <i>*Substitute WDD 131 and WDD 231 for CSE 121B and WDD 230</i>	2
	CSE 210	Programming with Classes	3
	REL 225A	Foundations of the Restoration	1
Introductory Certificate (Certificate #1) (BYU-Idaho) Completed			
8		Advanced Certificate (Certificate #2) Course (see below)	#
	REL 225B	Foundations of the Restoration	1
9		Advanced Certificate (Certificate #2) Course (see below)	#
	WRIT 101	Advanced Writing in Professional Contexts- General Education Course	3
10		Advanced Certificate (Certificate #2) Course (see below)	#
	REL 200A	The Eternal Family	1
11		Advanced Certificate (Certificate #2) Course (see below)	#
	REL 200B	The Eternal Family	1
12		Advanced Certificate (Certificate #2) Course (see below)	#
	BUS 301	Advanced Writing in Professional Contexts- General Education Course	3
Advanced Certificate (Certificate #2) (BYU-Idaho) Completed			
Applied Technology Associate Degree (BYU-Idaho) Completed			
13		Advanced Certificate (Certificate #3) Course (see below)	#
	PUBH 132	Personal Health & Wellness- General Education Course	3
14	FCS 160	Family Leadership & Resource Management- General Education Course	3
	REL 290A	The Divine Gift of Forgiveness	1
15		Advanced Certificate (Certificate #3) Course (see below)	#
	REL 290B	The Divine Gift of Forgiveness	1

16		Advanced Certificate (Certificate #3) Course (see below)	#
	HUM 110	Discovery & Discernment Through the Arts- General Education Course	3
17		Advanced Certificate (Certificate #3) Course (see below)	#
	REL 333A	Teachings of the Living Prophets	1
18		Advanced Certificate (Certificate #3) Course (see below)	#
	REL 333B	Teachings of the Living Prophets	1
Advanced Certificate (Certificate #3) (BYU-Idaho) Completed			
19	GESCI 110	Sustaining Human Life- General Education Course	3
	REL 280A	Answering My Gospel Questions	1
20	PEACE 101	Conflict and Peace- General Education Course	3
	REL 280B	Answering My Gospel Questions	1
21	CSE 499 or GS 497	Senior Project or Professional Projects- General Education Course	2
		Complete additional elective courses offered at BYU-Idaho to earn a minimum of 120+ credits	

Applied Technology Bachelor's Degree (BYU-Idaho) Completed

Graduation Requirements:

- Complete all General Education and Religious Education requirements
- Complete 15 upper-division credits (300 or 400 level courses)
- Complete at least 30 credits in residency (taken directly from the awarding institution)
- Earn a minimum cumulative grade point average of 2.0
- Complete additional elective credits to meet the 120-credit graduation requirement

Advanced Certificate Options – Complete TWO of the following Advanced certificates (Certificate #2 and Certificate #3):

System Administration (BYU-Idaho)		
COURSE CODE	COURSE NAME	CREDITS
ITM 112	Introduction to Linux <i>Previously CIT 112 Introduction to Linux</i>	2
CYBER 240	Networking <i>Previously CIT 240 Networking (3)</i>	3
ITM 350	DevOps <i>Previously CIT 262 IT Management and DevOps (3)</i>	3
CYBER 301	Systems Security I <i>Previously CIT 270 Systems Security 1 (3)</i>	3
CYBER 352	Operating Systems I (3)	3
Database (BYU-Idaho)		
COURSE CODE	COURSE NAME	CREDITS

ITM 111	Introduction to Databases <ul style="list-style-type: none"> ○ <i>Previously CIT 111 Introduction to Databases</i> 	3
ITM 220	SQL <ul style="list-style-type: none"> ○ <i>Previously CIT 225 Database Design & Development (3)</i> 	3
ITM 325	Database Programming <ul style="list-style-type: none"> ○ <i>Previously CIT 325 Database Programming (3)</i> 	3
ITM 326	Database Administration <ul style="list-style-type: none"> ○ <i>Previously CIT 326 Database Administration (3)</i> 	3
ITM 327	Data Warehousing <i>Previously CIT 425</i>	3

Web Development (BYU-Idaho)

COURSE CODE	COURSE NAME	CREDITS
ITM 111	Introduction to Databases <i>Substituted for CIT 260</i>	3
WDD 330	Web Frontend Development <i>Substituted for CIT 261</i>	3
CSE 340	Web Backend Development <i>Previously CIT 336</i>	3
CSE 341	Web Services <i>Previously CS 313</i>	3
WDD 430	Web Full-Stack Development <i>Substituted for CSE 325 (Previously CIT 365)</i>	3

Software Development (BYU-Idaho)

COURSE CODE	COURSE NAME	CREDITS
CES 212	Programming with Data Structure	2
CES 270	Software Testing	3
CES 310	Applied Programming	3
CES 300	Career Readiness <ul style="list-style-type: none"> ○ <i>Substitute CSE 310 (3) and CSE 300 (1) for CSE 310 Applied Programming (4)</i> 	1
CES 325	Net Software Development <ul style="list-style-type: none"> ○ <i>Previously CIT 365 Net Software Development (3)</i> 	3
CES 370	Software Engineering Principles <ul style="list-style-type: none"> ○ <i>Substitute for CSE 430 Architectural Design (2)</i> 	2