

## Program Requirements



<b>Complete TWO of the following introductory and advanced certificates (Certificate #1 and Certificate #2):</b>	Auto Service Technology
	System Administration
	Database
	Computer-Aided Design & Drafting
	Graphic Design Fundamentals
	Computer Programming
	Computer Support
	Web Development
	Web Frontend
<b>Complete ONE of the following advanced certificates (Certificate #3):</b>	System Administration
	Web Development
<b>Complete additional required courses:</b>	CSE 499 or GS 497      Senior Project or Professional Projects <i>Substitute for CIT 490 and CIT 498</i> 2
<b>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.</b>	

### 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
	PC 101	Life Skills	3

1	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
		[Add First Introductory Certificate Course]	3
<b>PathwayConnect Completed</b>			
4		Introductory Certificate Course (see below)	#
	REL 275A	Teachings and Doctrine of the Book of Mormon	1
5		Introductory Certificate Course (see below)	#
	REL 275B	Teachings and Doctrine of the Book of Mormon	1
6		Introductory Certificate Course (see below)	#
	MATH 108X	Math for the Real World- General Education Course	3
7		Introductory Certificate Course (see below)	#
	REL 225A	Foundations of the Restoration	1
<b>Introductory Certificate (Certificate #1) (BYU-Idaho) Completed</b>			
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
<b>Advanced Certificate (Certificate #2) (BYU-Idaho) Completed</b>			
<b>Applied Technology Associate Degree (BYU-Idaho) Completed</b>			
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
<b>Advanced Certificate (Certificate #3) (BYU-Idaho) Completed</b>			
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 to earn a minimum of 120+ credits		
<b>Applied Technology Bachelor's Degree (BYU-Idaho) Completed</b>			

### 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

### Introductory and Advanced Certificate Options – Complete TWO of the following Introductory and Advanced certificates (Certificate #1 and Certificate #2):

Auto Service Technology (BYU-Idaho)		
COURSE CODE	COURSE NAME	CREDITS
AUTO 125 or AUTPC 125	Introduction to Automotive Technology	1
AUTO 131	Electrical Systems	2
AUTO 132	Engine Performance	2
AUTO 155	Chassis Systems	2
AUTO 201	Drivetrains	2
AUTO 331	Vehicle Electronics	2

AUTO 332	Engine Management Systems	2
GS 170	Career Development	1
System Administration (BYU-Idaho)		
COURSE CODE	COURSE NAME	CREDITS
CYBER 240	Networking <i>Previously CIT 240</i>	3
CYBER 340	Network Design I <i>Previously CIT 241</i>	3
CYBER 301	Systems Security I <i>Previously CIT 270</i>	3
CIT 352	Operating Systems I	3
CIT 353	Operating Systems II	3
Database (BYU-Idaho)		
COURSE CODE	COURSE NAME	CREDITS
ITM 111	Introduction to Databases <i>Previously CIT 111</i>	3
ITM 220	SQL <i>Previously CIT 225</i>	3
ITM 325	Database Programming <i>Previously CIT 325</i>	3
ITM 326	Database Administration <i>Previously CIT 326</i>	3
ITM 327	Data Warehousing <i>Previously CIT 425</i>	3
Computer-Aided Design & Drafting (BYU-Idaho)		
COURSE CODE	COURSE NAME	CREDITS
BUS 115 or BUSPC 115	Business Applications <i>Substitute for ME 142</i>	3
MATH 108X	Math for the Real World <i>Substitute for MATH 101</i>	3
ME 162	Fundamentals in 2D CADD	3
ME 172	Parametric Mechanical CADD	3
ME 272	Mechanical CADD and GD&T	3
GS 170	Career Development	1
Graphic Design Fundamentals (BYU-Idaho)		
COURSE CODE	COURSE NAME	CREDITS
ART 125 or ARTPC 125	Adobe CC Basics <i>Substitute for COMM 310</i>	3
ART 130	Introduction to Graphic Design	3
ART 230	Typography	3
ART 235	Graphic Design	3
ART 337R	Interaction Design <i>This course requirement will be waived</i>	3
Computer Programming (BYU-Idaho)		

COURSE CODE	COURSE NAME	CREDITS
CS 101 or CSPC 101	Intro to Programming	2
CIT 160	Intro to Programming	3
CS 241	Survey Object-Oriented Programming/Data-Structure	3
CS 213	Web Engineering	3
CS 246	Software Design and Development	3

**Computer Support (BYU-Idaho)**

COURSE CODE	COURSE NAME	CREDITS
BUS 115 or BUSPC 115	Business Applications	3
CITBC 102	Hardware Technician	3
CITBC 125	Windows Client	3
CITBC 150	Introduction to Networking	3
COMM 150	Interpersonal Theory & Practice	3
GS 170	Career Development	3

**Web Development (BYU-Idaho)**

COURSE CODE	COURSE NAME	CREDITS
WDD 131	Dynamic Web Fundamentals	2
WDD 231	Web Frontend Development I Substitute WDD 131 & WDD 230	2
WDD 330	Web Frontend Development II <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
ITM 220	SQL <i>Previously CIT 225</i>	3

**Web Frontend (BYU-Idaho)**

COURSE CODE	COURSE NAME	CREDITS
WDD 130 OR WDDPC 130	Web Fundamentals	2
CIT 160	Introduction to Programming	3
COMM 130	Visual Media	3
WDD 230	Web Frontend Development I	3
WDD 331	Advanced CSS <i>Substitute Web &amp; Computer Programming Certificate</i>	2
CSE 110 or CSEPC 110	Introduction to Programming	2
CSE 111	Programming with Functions	2
WDD 130	Web Fundamentals	2
WDD 131	Dynamic Web Fundamentals	2
WDD 231	Web Frontend Development I	2

CSE 210	Programming with Classes	2
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**Advanced Certificate Options – Complete ONE of the following Advanced certificates (Certificate #3):**

System Administration (BYU-Idaho)		
COURSE CODE	COURSE NAME	CREDITS
CYBER 240	Networking <i>Previously CIT 240</i>	3
CYBER 340	Network Design I <i>Previously CIT 241</i>	3
CYBER 301	Systems Security I <i>Previously CIT 270</i>	3
CIT 352	Operating Systems I	3
CIT 353	Operating Systems II	3
Web Development (BYU-Idaho)		
COURSE CODE	COURSE NAME	CREDITS
WDD 131	Dynamic Web Fundamentals	2
WDD 231	Web Frontend Development I Substitute WDD 131 & WDD 230	2
WDD 330	Web Frontend Development II <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
ITM 220	SQL <i>Previously CIT 225</i>	3