Computer Information Systems (Starting Fall 2023)

	Course #	Course Name				Hours
Semester 1	ORI 105	New Student Orientation				3
	CIS 130	Intro to Computer Information Systems				3
	CIS 146	Computer Applications				3
	CIS 150	Computer Logic & Programming				3
	ENG 101	English Composition I				3
					Total Credits	*15*
Semester 2	CIS 147	Advanced Computer Applications				3
	CIS 215	C# Programming				3
	CIS 276	Server Administration				3
	MTH 100	Intermediate College Algebra				3
	ENG 102	English Composition II				3
					Total Credits	*15*
Semester 3		Science Option				4
(summer)	ECO 231/232	Economics				3
					Total Credits	*7*
Semester 4		**Program Options**				
	Programming	**Cybersecurity**	**Networking**	**Management Information Sys.**		
	CIS 157 – Intro to App Dev with Swift	CIS 245 – Cyber Defense	CIS 270 – CISCO CCNA I	CIS 264 – Business Applications		3
	CIS 212 – Visual Basic Programming	CIS 246 – Ethical Hacking	CIS 271 – CISCO CCNA II	BUS 241 – Principles of Acct. I		3
	CIS 264 – Business Applications	CIS 278 – Directory Services Admin.	CIS 278 – Directory Services Admin.	BUS 100 - Introduction to Bus.		3
		Humanities Option				3
					Total Hours	*12*
Semester 5	**Programming**	**Cybersecurity**	**Networking**	**Mgmt. Info. Sys.**		
	CIS 220 – App Dev with Swift I	CIS 280 – Network Security	CIS 272 – CISCO CCNA III	CIS 287 – SQL Server		3
	CIS 227 – App Dev with Swift II	CIS 282 – Computer Forensics	CIS 287 – SQL Server	BUS 242 – Principles of Accounting II		
	CIS 287 – SQL Server	CIS 287 – SQL Server	CIS 280 – Network Security	BUS 275 – Principles of Management		3
	CIS 202 – Python Programming	CIS 238 - Cloud Computing: Infrastructure and Services	CIS 238 - Cloud Computing: Infrastructure and Services	BUS 271 – Business Statistics I		3
	CIS 284 – CIS Internship	CIS 284 – CIS Internship	CIS 284 – CIS Internship	BUS 263 – The Legal and Social Env. of Bus.		*3*
					Total Hours	*15*
					Computer Information Systems, AAS	**64**

For more information about Bishop State's Computer Information Systems program, please contact Cecil Turk at cturk@bishop.edu or 251-405-7211

CIS – Short Certificates (Starting Fall 2023)

Programming

- CIS150 - Computer Logic & Programming
- CIS157 - Intro to App Dev with Swift
- CIS202 - Python Programming
- CIS220 - App Dev with Swift I
- CIS212 - Visual Basic Programming

Cybersecurity

- CIS245 - Cyber Defense
- CIS246 - Ethical Hacking
- CIS276 - Server Administration
- CIS280 - Network Security
- CIS282 - Computer Forensics

Networking

- CIS270 - CISCO CCNA I
- CIS271 - CISCO CCNA II
- CIS272 - CISCO CCNA III
- CIS276 - Server Administration
- CIS278 - Directory Services Admin.

Students selecting the Management Information Systems program track will receive a Management and Supervision short certificate.

Changes:

Reduce CIS AAS degree to 61-64 hours from 67 hours. Students may take any courses within the program options section. The Program Options are just a guide.

Change introduction course form CIS 149 to CIS 130.

- We previously taught CIS 130 which is Code B instead of C so schools will accept in Area 5.
- The state is revamping CIS 149. It will now be a digital literacy course which is more suited for a beginning student and not a CIS student.

Remove the following courses from degree plan due to low enrollment and low industry demand.

- CIS 149 (mentioned above)
- CIS 155 – Intro to Mobile App Development (main concepts will still be covered in CIS 157)
- CIS 219 – Android App Development
- CIS 259 – Advanced Mobile App Development
- CIS 273 – CISCO CCNA IV (This course is no longer offered by CISCO and that state has instructed us to quit offering it)

Add the following courses to the current curriculum.

- CIS 130 (mentioned above)
- CIS 264 – Business Applications (This course will teach Business Analytics to include Microsoft Power BI which has been requested by our advisory board for the past year.)
- CIS 202 – Python Programming (In-demand programming language)
- CIS 238 – Cloud Computing: Infrastructure and Services (In-demand job skill)
- CIS 284 – CIS Internship (Hands-on experience for our students)