Far Western University
Faculty of Education
Revised Course Cycle of Computer Science Information Technology in Education

S N	Course Code	Courses	Types of Courses
1	C.Eng.110	Study Skills in English I	Core
2	C.Nep.110	अनिवार्य नेपाली-१	
3	Ed.111	Philosophies in Education	
4	CS.Ed.111	*Fundamental of Computers and Information Systems*	Major
5	CS.Ed.112	*Programming with C*	

Semester Second

S N	Course Code	Courses	Types of Courses
1	C.Eng.120	Study Skills in English II	Core
2	C.Nep.120	अनिवार्य नेपाली-२	
3	Ed. Psy.122	Developmental Psychology	
4	CS.Ed.122	*Mathematics for IT*	Major
5	CS.Ed.123	*Computer Architecture and Organization*	
6	CS.Ed.124	*Data Structures and Algorithms*	

Third Semester

S N	Course Code	Courses	Types of Courses
1	C.Eng.230	Study Skills in English III	Core
2	Ed.Psy.233	Learning, Teaching and Assessment	
3	Ed.Cur.234	Introduction to Curriculum	
4	CS.Ed. 233	*Discrete Structures*	Major
5	CS.Ed. 234	*Object Oriented Programming with Java*	
6	CS.Ed.235	*Operating Systems*	

Fourth Semester

S N	Course Code	Courses	Types of Courses
1	Ed.243	Education and Society	Core
2	Ed.Tech. 244	Instructional Methods and Technology	
3	CS.Ed.243	*Database Management Systems*	Major
4	CS.Ed.244	*Data Communication and Networking*	
5	CS.Ed. 245	*Computer Graphics*	
6	CS.Ed. MC.246	Fundamental of Computer and Information System	Minor

Fifth Semester

S N	Course Code	Courses	Types of Courses
1	Ed.NS. 351	Nepal's Study	Core
2	Ed.St.352	Application of Statistics in Education	
3	CS.Ed.353	*Web Technology I*	Major
4	CS.Ed.354	*Advanced Java Programming*	

5	CS.Ed. 355	*System Analysis and Design*	
6	CS.Ed. MC.356	Programming in C	Minor

Sixth Semester

SN	Course Code	Courses	Types of Courses
1	Ed. 362	Educational Development in Nepal	Core
2	CS.Ed.363	*Web Technology II*	
3	CS.Ed.364	*Python for AI*	
4	CS.Ed.365	*Software Engineering*	Major
5	CS.Ed. MC.366	Object Oriented Programming with Java	Minor
6	CS.Ed. MC.367	System Analysis and Design	

Seventh Semester

S N	Course Code	Courses	Types of Courses
1	Ed. 472	Diversity in Education	Core
2	CS.Ed. 473	*Artificial Intelligence*	
3	CS.Ed. 474	*Project Work*	
4	CS.Ed. 475	*Teaching Methods in ICT*	Major
5	CS.Ed.MC.476	Web Technology I	
6	CS.Ed.MC.477	Data Structures and Algorithms	Minor

Eighth Semester

S N	Course Code	Courses	Types of Courses
1	Ed.482	Alternative Thinking in Education	Core
2	Ed. 483	Teaching Practice	
3	CS.Ed.484	*Elective I*	
4	CS.Ed.485	*Elective II*	Major
5	CS.Ed.486	*Mobile Application Development*	
6	CS.Ed.487	*E-commerce and E-governance*	

List of Electives
1. Database Administration
2. System and Network Administration
3. Cloud Computing
4. Net Centric Computing
5. Data Warehousing and Data Mining
6. M multimedia Computing
7. Management information System

Note: Out of 6 elective courses, only two courses (selected by majority of the students) are allowed to select for eighth semester in a particular academic session.

Summary Table of CSIT

Type of Courses	Number of Courses	Credit Hours
Communication Skills	5	5×3=15
Professional	12	12×3=36
Major Specialization	24	24×3=72
Minor Specialization	6	6×3=18
Total	47	47×3=**141**