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.245	*Database Management Systems*	Major
4	CS.Ed.246	*Data Communication and Networking*	
5	CS.Ed.247	*Computer Graphics*	
6	CS.Ed.M.24.1	Fundamental of Computer and Information System	Minor

Fifth Semester

S N	Course Code	Courses	Types of Courses
1	Ed.NS.352	Nepal's Study	Core
2	Ed.St.353	Application of Statistics in Education	
3	CS.Ed.356	*Web Technology I*	Major
4	CS.Ed.357	*Advanced Java Programming*	
5	CS.Ed.358	*System Analysis and Design*	
6	CS.Ed.M.35.2	Programming in C	Minor

Sixth Semester

SN	Course Code	Courses	Types of Courses
1	Ed. 362	Educational Development in Nepal	Core
2	CS.Ed.367	*Web Technology II*	
3	CS.Ed.368	*Python for AI*	
4	CS.Ed.369	*Software Engineering*	Major
5	CS.Ed.M.36.3	Object Oriented Programming with Java	Minor
6	CS.Ed.M.36.4	System Analysis and Design	

Seventh Semester

S N	Course Code	Courses	Types of Courses
1	Ed.472	Diversity in Education	Core
2	CS.Ed.476	*Artificial Intelligence*	
3	CS.Ed.477	*Project Work*	Major
4	CS.Ed.478	*Teaching Methods in ICT*	
5	CS.Ed.M.47.5	Web Technology I	Minor
6	CS.Ed.M.47.6	Data Structures and Algorithms	

Eighth Semester

S N	Course Code	Courses	Types of Courses
1	Ed.483	Alternative Thinking in Education	Core
2	Ed.TP.484	Teaching Practice	
3	CS.Ed.485	*Elective I*	
4	CS.Ed.486	*Elective II*	Major
5	CS.Ed.487	*Mobile Application Development*	
6	CS.Ed.488	*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**