



Far Western University
Faculty of Education

Revised Course Cycle of Computer Science Information Technology in Education

SN	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

SN	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.123	Mathematics for IT	Major
5	CS. Ed. 124	Computer Architecture and Organization	
6	CS. Ed. 125	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

SN	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	Major
3	CS. Ed. 368	Python for AI	
4	CS. Ed. 369	Software Engineering	
5	CS. Ed. M. 36.3	Object Oriented Programming with Java	Minor
6	CS. Ed. M. 36.4	System Analysis and Design	

Seventh Semester

SN	Course Code	Courses	Types of Courses
1	Ed. 472	Diversity in Education	Core
2	CS. Ed. 476	Artificial Intelligence	Major
3	CS. Ed. 477	Project Work	
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

SN	Course Code	Courses	Types of Courses
1	Ed. 483	Alternative Thinking in Education	Core
2	Ed. TP. 484	Teaching Practice	
3	CS. Ed. 485	Mobile Application Development	Major
4	CS. Ed. 486	E-commerce and E-governance	
5	CS. Ed. 487.1/487.2/ 487.3/487.4	Elective I (any one)	Electives
6	CS.Ed.488.1/488.2/ 488.3	Elective II (any one)	

List of Electives

Elective I			Elective II		
S.N	Course Code	Courses	S.N	Course Code	Courses
1	CS.Ed. 487.1	Database Administration	1	CS.Ed. 488.1	Net Centric Computing
2	CS.Ed. 487.2	System and Network Administration	2	CS.Ed. 488.2	Data Warehousing and Data Mining
3	CS.Ed. 487.3	Cloud Computing	3	CS.Ed. 488.3	Multimedia Computing
4	CS.Ed. 487.4	Management Information System			

Note: Out of 7 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