

# WEB APPLICATIONS DEVELOPMENT

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

1<sup>st</sup> & 2<sup>nd</sup> Years Gen Ed & Area F

3<sup>rd</sup> & 4<sup>th</sup> Years

**AREA A – Essential Skills** 9-10 HOURS

ENGL 1101  
ENGL 1102  
MATH 1111,1112, 1113 , or 1251

**WEB APPLICATIONS DEVELOPMENT** 24

**AREA D – Nat Science, Math, and Tech** 11-12 HOURS

*Area D Elective Choose one (circle)*

MATH 1401, 1251, 1501, 2252, 2253, 2260, 2270

*Lab-Science Electives Choose two (circle):*

ASTR 1010K, 1020K,

BIOL 1001K, 1002K, 2107K, 2108K, 1101K(eCore) \*

CHEM 1151K, 1152K, 1211K, 1212K

GEOL 1011K or 1121K(eCore)

**Required (24 hours)**

ITEC 4264 Data Structures and Algorithm Analysis

ITEC 3280 Web Programming

ITEC 4244 Database Programming

ITEC 4261 Java Programming

ITEC 4269 Client/Server Systems Programming

ITEC 4286 Web Applications Development

ITEC 4361 Software Security

ITEC 4366 Advanced Web Development

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## Degree Map

### Year 1

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
Optional 6 <sup>th</sup>		Optional 6 <sup>th</sup>			

### Year 2

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
Optional 6 <sup>th</sup>		Optional 6 <sup>th</sup>			

### Year 3

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
Optional 6 <sup>th</sup>		Optional 6 <sup>th</sup>			

### Year 4

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
Optional 6 <sup>th</sup>		Optional 6 <sup>th</sup>			

NOTES: