

**DOUBLE MAJOR IN COMPUTER INFORMATION SYSTEMS FOR BUSINESS ADMINISTRATION STUDENTS**

First Semester					
C.Code	Course Name	C	L/P	C	ECTS

Second Semester					
C.Code	Course Name	C	L/P	C	ECTS
CIS132	Intro. to Algorithm & Programming	2	1	3	7
<b>TOTAL</b>		<b>2</b>	<b>1</b>	<b>3</b>	<b>7</b>

Third Semester					
C.Code	Course Name	C	L/P	C	ECTS
CIS205	Programming Language I	2	1	3	7
CIS243	Data Structures	2	1	3	7
<b>TOTAL</b>		<b>4</b>	<b>2</b>	<b>6</b>	<b>14</b>

Fourth Semester					
C.Code	Course Name	C	L/P	C	ECTS
CIS232	Programming Language II	2	1	3	7
CIS246	Database Management	2	1	3	7
CIS202	Operating Systems	2	1	3	6
<b>TOTAL</b>		<b>6</b>	<b>3</b>	<b>9</b>	<b>20</b>

Fifth Semester					
C.Code	Course Name	C	L/P	C	ECTS
CIS363	Software Engineering	2	1	3	6
CIS340	Internet Programming	2	1	3	6
CIS386	Database Programming	2	1	3	6
<b>TOTAL</b>		<b>6</b>	<b>3</b>	<b>9</b>	<b>18</b>

Sixth Semester					
C.Code	Course Name	C	L/P	C	ECTS
CIS352	Programming Lang. III	2	1	3	7
CIS342	Ethical & Social Issues in Information Systems	2	1	3	5
CIS356	Object Oriented Programming Lang. I	2	1	3	7
<b>TOTAL</b>		<b>6</b>	<b>3</b>	<b>9</b>	<b>19</b>

Seventh Semester					
C.Code	Course Name	C	L/P	C	ECTS
CIS468	Object Ori. Prog.Lang. II	2	1	3	7
CIS403	Grad. Project Proposal	2	1	0	3
CIS406	Summer Training	0	0	0	3
<b>TOTAL</b>		<b>7</b>	<b>2</b>	<b>6</b>	<b>18</b>

Eighth Semester					
C.Code	Course Name	C	L/P	C	ECTS
CIS400	Graduation Project	2	1	3	8
<b>TOTAL</b>		<b>2</b>	<b>1</b>	<b>3</b>	<b>8</b>

TOTAL	Contact Hs	Lab/Practice Hs	Credit	ECTS
	28	15	42	96