

## DOUBLE MAJOR IN COMPUTER INFORMATION SYSTEMS GENERAL

### First Semester

C.Code	Course Name	C	L/P	C	ECT S
CIS131	Intro. to Computer Info. Sys.	2	1	3	7
<b>TOTAL</b>		<b>2</b>	<b>1</b>	<b>3</b>	<b>7</b>

### Second Semester

C.Code	Course Name	C	L/P	C	ECTS
EAS102	Principles of Economics II	3	0	3	6
EAS104	Principles of Management	3	0	3	6
CIS132	Intro. to Algorithm & Prog.	2	1	3	7
<b>TOTAL</b>		<b>8</b>	<b>1</b>	<b>9</b>	<b>19</b>

### Third Semester

C.Code	Course Name	C	L/P	C	ECT S
EAS204	Financial Accounting I	3	0	3	6
CIS205	Programming Language I	2	1	3	7
CIS243	Data Structures	2	1	3	7
<b>TOTAL</b>		<b>7</b>	<b>2</b>	<b>9</b>	<b>20</b>

### Fourth Semester

C.Code	Course Name	C	L/P	C	ECTS
MTH262	Statistics II	3	0	3	6
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>9</b>	<b>3</b>	<b>12</b>	<b>26</b>

### Fifth Semester

C.Code	Course Name	C	L/P	C	ECT S
MARK303	Principles of Marketing	3	0	3	6
CIS331	Systems Analysis & Meth.	3	0	3	6
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>12</b>	<b>3</b>	<b>15</b>	<b>30</b>

### Sixth Semester

C.Code	Course Name	C	L/P	C	ECTS
MAN308	Operations Management & Research	3	0	3	5
CIS348	E-Business Systems	3	0	3	6
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>12</b>	<b>3</b>	<b>15</b>	<b>30</b>

### Seventh Semester

C.Code	Course Name	C	L/P	C	ECT S
EAS402	Human Resource Mang.	3	0	3	5
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
CIS411	Mang. Info. Systems	3	0	3	6
<b>TOTAL</b>		<b>5</b>	<b>1</b>	<b>6</b>	<b>14</b>

TOTAL	Contact Hs	Lab/Practice Hs	Credit	ECTS
	<b>62</b>	<b>16</b>	<b>75</b>	<b>164</b>