

**Information Technology B.S.**  
**Option: Application Development**

<b>First Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
ENGL 15 or 30 (GWS)‡	3	CAS 100 (GWS)‡	3
IST 110*# or CYBER 100*#	3	IST 210*#	3
IST 140*# or CMPSC 121 (GQ) #‡ or CMPSC 131*#	3	IST 220*#	3
SRA 111*† (GS)	3	IST 242*	3
First Year Seminar (IST 111S)	1	ECON 102/104 or PSYCH 100/SOC 5 or PLSC 1/14 (GS)†	3
General Education Course (GN or GA or GH) or Elective	3		
	<b>16</b>		<b>15</b>

31

<b>Second Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
MATH 110 or 140 (GQ)‡	4	IST 256*	3
General Education Course (GN or GA or GH)	3	IST 230*	3
STAT 200‡ (GQ) or SCM 200‡ (GQ) or DS 200*	4	Business Selection*	3
IST 260W*	3	ENGL 202C or 202D (GWS)‡	3
SRA 221*	3	General Education Course (GN or GA or GH)	3
	<b>17</b>		<b>15</b>

18

<b>Third Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
IST 302*	3	Elective or General Education Course (GN/GA/GH)	3
IST 311* (Option 1)	3	IST 261/361* (Option 2)	3
Networking Selection*	3	IST 411* (Option 3)	3
General Education Course (GN or GA or GH)	3	IST 331*	3
General Education Course (GN or GA or GH)	3	General Education Course (GN or GA or GH)	3
	<b>15</b>		<b>15</b>

30

<b>Fourth Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
IST 495*	1	IST 440W*	3
ETI 461*	3	Elective	3
Advanced IT Selection 1*	3	Advanced IT Selection 2*	3
General Education Course (GHW)	3	General Education Course (GN or GA or GH)	3
IST 413* (Option 4)	3	Elective	2
	<b>13</b>		<b>14</b>

27

106

\* Course requires a grade of C or better

# Course is an Entrance-to-Major requirement

† Course satisfies General Education and degree requirement

‡ Course requires a grade of C or better for General Education

**Business Selection Courses\***

ACCTG 211  
 BA 100  
 ECON 102  
 ECON 104  
 MGMT 301  
 MKTG 301

\* cannot double-count with other Additional or Option requirements

**Networking Selection Courses\***

CYBER 262  
 IST 226  
 IST 451  
 IST 454

\* cannot double-count with other Additional or Option requirements

**Option Courses**

*Application Development*

Select 12 credits, with at least 3 credits at the 400 level from:

IST 261, IST 311, IST 361, IST 411, IST 412, IST 413

*Business Applications*

ACCTG 211

Select 3 credits from:

FIN 301, MGMT 301, MKTG 301, SCM 301

Select 6 credits, with at least 3 credits at the 400 level from:

ACCTG, BA, BLAW, EBF, ECON, ENTR, FIN, FINSV, HPA, IB, LER, MIS, MGMT, MKTG, RM, SCM, or STAT

*Cybersecurity*

Select 12 credits, with at least 3 credits at the 400 level from:

CYBER 262, IST 451, IST 454, IST 456, SRA 472, or any 300 or 400 level CYBER course.

*Security and Risk Analysis*

Select 12 credits, with at least 3 credits at the 400 level from:

SRA 211, SRA 231, SRA 311, SRA 365, IST 432, IST 452, IST 456

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**Option: Business Applications**

<b>First Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
ENGL 15 or 30 (GWS)‡	3	CAS 100 (GWS)‡	3
IST 110*# or CYBER 100*#	3	IST 210*#	3
IST 140*# or CMPSC 121 (GQ) ## or CMPSC 131*#	3	IST 220*#	3
SRA 111*† (GS)	3	IST 242*	3
First Year Seminar (IST 111S)	1	ECON 102/104 or PSYCH 100/SOC 5 or PLSC 1/14 (GS)†	3
General Education Course (GN or GA or GH) or Elective	3		
	<b>16</b>		<b>15</b>

31

<b>Second Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
MATH 110 or 140 (GQ)‡	4	IST 256*	3
SRA 221*	3	IST 230*	3
STAT 200‡ (GQ) or SCM 200‡ (GQ) or DS 200*	4	Business Selection*	3
General Education Course (GN or GA or GH)	3	ENGL 202C or 202D (GWS)‡	3
IST 260W*	3	General Education Course (GN or GA or GH)	3
	<b>17</b>		<b>15</b>

32

<b>Third Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
IST 302*	3	Elective or General Education Course (GN/GA/GH)	3
Networking Selection*	3	Option 2*	3
ACCTG 211* (Option 1)	4	Option 3*	3
General Education Course (GN or GA or GH)	3	IST 331*	3
General Education Course (GN or GA or GH)	3	General Education Course (GN or GA or GH)	3
	<b>16</b>		<b>15</b>

31

<b>Fourth Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
IST 495*	1	IST 440W*	3
ETI 461*	3	Elective	3
Advanced IT Selection - Business Option*	3	Advanced IT Selection*	3
General Education Course (GHW)	3	General Education Course (GN or GA or GH)	3
Option 4*	3	Elective	1
	<b>13</b>		<b>13</b>

26

120

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**Business Selection Courses\***

ACCTG 211

BA 100

ECON 102

ECON 104

MGMT 301

MKTG 301

\* cannot double-count with other Additional or Option requirements

**Networking Selection Courses\***

CYBER 262

IST 226

IST 451

IST 454

\* cannot double-count with other Additional or Option requirements

**Option Courses**

*Application Development*

Select 12 credits, with at least 3 credits at the 400 level from:

IST 261, IST 311, IST 361, IST 411, IST 412, IST 413

*Business Applications*

ACCTG 211

Select 3 credits from:

FIN 301, MGMT 301, MKTG 301, SCM 301

Select 6 credits, with at least 3 credits at the 400 level from:

ACCTG, BA, BLAW, EBF, ECON, ENTR, FIN, FINSV, HPA, IB, LER, MIS, MGMT, MKTG, RM, SCM, or STAT

*Cybersecurity*

Select 12 credits, with at least 3 credits at the 400 level from:

CYBER 262, IST 451, IST 454, IST 456, SRA 472, or any 300 or 400 level CYBER course.

*Security and Risk Analysis*

Select 12 credits, with at least 3 credits at the 400 level from:

SRA 211, SRA 231, SRA 311, SRA 365, IST 432, IST 452, IST 456

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**Option: Custom**

<b>First Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
ENGL 15 or 30 (GWS)‡	3	CAS 100 (GWS)‡	3
IST 110*# or CYBER 100*#	3	ECON 102/104 or PSYCH 100/SOC 5 or PLSC 1/14 (GS)†	3
IST 140*# or CMPSC 121 (GQ) ## or CMPSC 131*#	3	IST 220*#	3
SRA 111*† (GS)	3	IST 242*	3
First Year Seminar (IST 111S)	1	IST 210*#	3
General Education Course (GN or GA or GH) or Elective	3		
	<b>16</b>		<b>15</b>

31

<b>Second Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
IST 260W*	3	IST 256*	3
SRA 221*	3	IST 230*	3
STAT 200‡ (GQ) or SCM 200‡ (GQ) or DS 200*	4	Business Selection*	3
MATH 110 or 140 (GQ)‡	4	ENGL 202C or 202D (GWS)‡	3
Elective or General Education Course (GN/GA/GH)	3	General Education Course (GN or GA or GH)	3
	<b>17</b>		<b>15</b>

32

<b>Third Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
IST 302*	3	General Education Course (GN or GA or GH)	3
Networking Selection*	3	Option 2*	3
Option 1*	3	IST 331*	3
General Education Course (GN or GA or GH)	3	Option 3*	3
General Education Course (GN or GA or GH)	3	General Education Course (GN or GA or GH)	3
	<b>15</b>		<b>15</b>

30

<b>Fourth Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
IST 495*	1	IST 440W*	3
ETI 461*	3	Elective	3
Advanced IT Selection 1*	3	Advanced IT Selection 2*	3
General Education Course (GHW)	3	General Education Course (GN or GA or GH)	3
Option 4*	3	Elective	2
	<b>13</b>		<b>14</b>

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**Business Selection Courses\***

ACCTG 211  
BA 100  
ECON 102  
ECON 104  
MGMT 301  
MKTG 301

\* cannot double-count with other Additional or Option requirements

**Networking Selection Courses\***

CYBER 262  
IST 226  
IST 451  
IST 454

\* cannot double-count with other Additional or Option requirements

**Option Courses**

*Application Development*

Select 12 credits, with at least 3 credits at the 400 level from:

IST 261, IST 311, IST 361, IST 411, IST 412, IST 413

*Business Applications*

ACCTG 211

Select 3 credits from:

FIN 301, MGMT 301, MKTG 301, SCM 301

Select 6 credits, with at least 3 credits at the 400 level from:

ACCTG, BA, BLAW, EBF, ECON, ENTR, FIN, FINSV, HPA, IB, LER, MIS, MGMT, MKTG, RM, SCM, or STAT

*Cybersecurity*

Select 12 credits, with at least 3 credits at the 400 level from:

CYBER 262, IST 451, IST 454, IST 456, SRA 472, or any 300 or 400 level CYBER course.

*Security and Risk Analysis*

Select 12 credits, with at least 3 credits at the 400 level from:

SRA 211, SRA 231, SRA 311, SRA 365, IST 432, IST 452, IST 456

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**Option: Cybersecurity**

<b>First Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
ENGL 15 or 30 (GWS)‡	3	CAS 100 (GWS)‡	3
CYBER 100*#	3	IST 210*#	3
IST 140*# or CMPSC 121 (GQ) #‡ or CMPSC 131*#	3	IST 220*#	3
SRA 111*† (GS)	3	IST 242*	3
First Year Seminar (IST 111S)	1	ECON 102/104 or PSYCH 100/SOC 5 or PLSC 1/14 (GS)†	3
General Education Course (GN or GA or GH) or Elective	3		
	<b>16</b>		<b>15</b>

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<b>Second Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
SRA 221*	3	IST 256*	3
MATH 110 or 140 (GQ)‡	4	IST 230*	3
STAT 200‡ (GQ) or SCM 200‡ (GQ) or DS 200*	4	Business Selection*	3
IST 260W*	3	ENGL 202C or 202D (GWS)‡	3
Elective or General Education Course (GN/GA/GH)	3	General Education Course (GN or GA or GH)	3
	<b>17</b>		<b>15</b>

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<b>Third Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
IST 302*	3	General Education Course (GN or GA or GH)	3
Cyber 262* (Option 1)	3	Option 2*	3
Networking Selection*	3	IST 331*	3
General Education Course (GN or GA or GH)	3	Option 3*	3
General Education Course (GN or GA or GH)	3	General Education Course (GN or GA or GH)	3
	<b>15</b>		<b>15</b>

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<b>Fourth Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
IST 495*	1	IST 440W*	3
ETI 461*	3	Elective	3
Advanced IT Selection 1*	3	Advanced IT Selection 2*	3
General Education Course (GHW)	3	General Education Course (GN or GA or GH)	3
Option 4*	3	Elective	2
	<b>13</b>		<b>14</b>

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ECON 102  
ECON 104  
MGMT 301  
MKTG 301

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**Networking Selection Courses\***

CYBER 262  
IST 226  
IST 451  
IST 454

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**Option Courses**

*Application Development*

Select 12 credits, with at least 3 credits at the 400 level from:

IST 261, IST 311, IST 361, IST 411, IST 412, IST 413

*Business Applications*

ACCTG 211

Select 3 credits from:

FIN 301, MGMT 301, MKTG 301, SCM 301

Select 6 credits, with at least 3 credits at the 400 level from:

ACCTG, BA, BLAW, EBF, ECON, ENTR, FIN, FINSV, HPA, IB, LER, MIS, MGMT, MKTG, RM, SCM, or STAT

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