

DRAFT

Information Technology B.S.
Option: Application Development

First Year			
Fall	Credits	Spring	Credits
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		
	16		15

31

Second Year			
Fall	Credits	Spring	Credits
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
	17		15

18

Third Year			
Fall	Credits	Spring	Credits
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
	15		15

30

Fourth Year			
Fall	Credits	Spring	Credits
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
	13		14

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

DRAFT

Information Technology B.S.

Option: Business Applications

First Year			
Fall	Credits	Spring	Credits
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		
	16		15

31

Second Year			
Fall	Credits	Spring	Credits
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
	17		15

32

Third Year			
Fall	Credits	Spring	Credits
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
	16		15

31

Fourth Year			
Fall	Credits	Spring	Credits
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
	13		13

26

120

* 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

DRAFT

Information Technology B.S.

Option: Custom

First Year			
Fall	Credits	Spring	Credits
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		
	16		15

31

Second Year			
Fall	Credits	Spring	Credits
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
	17		15

32

Third Year			
Fall	Credits	Spring	Credits
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
	15		15

30

Fourth Year			
Fall	Credits	Spring	Credits
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
	13		14

27

120

* 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

DRAFT

Information Technology B.S.

Option: Cybersecurity

First Year			
Fall	Credits	Spring	Credits
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		
	16		15

31

Second Year			
Fall	Credits	Spring	Credits
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
	17		15

32

Third Year			
Fall	Credits	Spring	Credits
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
	15		15

30

Fourth Year			
Fall	Credits	Spring	Credits
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
	13		14

27

120

* 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