

**Computer Science Fellows
TENTATIVE Baseline Course Map**

Freshman (Fall)

REL	1310 The Christian Scriptures	3
CHA	1088 Chapel Forum	0
MTH	1321 Calculus I	3
CSI	1430 Intro to Computer Science I	4
		3
		3
		16

Freshman (Spring)

REL	1350 The Christian Heritage	3
CHA	1088 Chapel Forum	0
MTH	1322 Calculus II	3
CSI	1440 Intro to Computer Science II	4
CSI	2350 Discrete Structures	3
		3
		16

Sophomore (Fall)

MTH	2311 Linear Algebra	3
CSI	2334 Intro to Computer Systems	3
CSI	3334 Data Structures	3
	Laboratory Science	4
		3
		16

Sophomore (Spring)

CSI	3344 Intro to Algorithms	3
CSI	3471 Software Engineering I	4
	Laboratory Science	4
		3
		3
		17

Junior (Fall)

ECS	3101 Independent Readings I	1
CSI	elective (CSI 3335 recommended)	3
CSI	elective (CSI 3336 recommended)	3
STA	3381 Probability & Statistics	3
		3
		3
		16

Junior (Spring)

ECS	3102 Independent Readings II	1
ECS	3001 Independent Readings Survey	0
CSI	elective (CSI 3472 recommended)	4
CSI	elective (CSI 4321 recommended)	3
		3
		3
		17

Senior (Fall)

ECS	4v01 Research/Fellows Thesis I	1-3
CSI	elective	3
		3
		3
		3
		3
		15

Senior (Spring)

ECS	4302 Fellows Thesis	3
ECS	4001 Senior Exit Survey	0
		3
		3
		3
		12

Hours to be filled until hrs >= 124

TOTAL HOURS

125

Computer Science Fellows
TENTATIVE CSF-PreMed Course Map

Freshman (Fall)

REL	1310 The Christian Scriptures	3
CHA	1088 Chapel Forum	0
MTH	1321 Calculus I	3
CSI	1430 Intro to Computer Science I	4
CHE	1301 Modern Chemistry I	3
		3
		16

Freshman (Spring)

REL	1350 The Christian Heritage	3
CHA	1088 Chapel Forum	0
MTH	1322 Calculus II	3
CSI	1440 Intro to Computer Science II	4
CSI	2350 Discrete Structures	3
CHE	1302 Modern Chemistry II	3
		16

Summer

CHE	1316	3
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Sophomore (Fall)

MTH	2311 Linear Algebra	3
CSI	2334 Intro to Computer Systems	3
CSI	3334 Data Structures	3
CHE	3331 Organic Chemistry I	3
BIO	1305 Mod Concepts of Biology I	3
BIO	1105 Bio I Lab	1
		16

Sophomore (Spring)

CSI	3344 Intro to Algorithms	3
CSI	3471 Software Engineering I	4
STA	3381 Probability and Statistics	3
CHE	3332 Organic Chemistry II	3
BIO	1306 Mod Concepts of Biology II	3
BIO	1106 Bio II Lab	1
		17

Summer

PHY	1420	3
PHY	1430	3

Junior (Fall)

ECS	3101 Independent Readings I	1
CSI	elective (CSI 3335 recommended)	3
CSI	elective (CSI 3336 recommended)	3
BIO	2306 Genetics	3
BIO	2106 Genetics Laboratory	1
BIO	elective	3
CHE	4321 Physical Chemistry I	3
		17

Junior (Spring)

ECS	3102 Independent Readings II	1
ECS	3001 Independent Readings Survey	0
CSI	elective (CSI 3472 recommended)	4
CSI	elective (CSI 4321 recommended)	3
CHE	3238 Organic Chemistry Lab	2
CHE	4316 Instrumental Analysis	3
CHE	4127 Physical Chemistry Lab I	1
		14

Senior (Fall)

ECS	4v01 Research/Fellows Thesis I	1-3
CSI	elective	3
CHE	4217 Instrumental Analysis Lab	2
STA	3381 Probability & Statistics	3
		3
		3
		14

Senior (Spring)

ECS	4302 Fellows Thesis	3
ECS	4001 Senior Exit Survey	0
		3
		3
		3
		12

Hours to be filled until hrs >= 124

TOTAL HOURS

131

Computer Science Fellows
TENTATIVE CSF-Honors Course Map

Freshman (Fall)

REL	1310 The Christian Scriptures	3
CHA	1088 Chapel Forum	0
MTH	1321 Calculus I	3
CSI	1430 Intro to Computer Science I	4
FYS	1399 First Year Seminar	3
		3
		16

Freshman (Spring)

REL	1350 The Christian Heritage	3
CHA	1088 Chapel Forum	0
MTH	1322 Calculus II	3
CSI	1440 Intro to Computer Science II	4
CSI	2350 Discrete Structures	3
FYS	1399 First Year Seminar	3
		3
		16

Sophomore (Fall)

MTH	2311 Linear Algebra	3
CSI	2334 Intro to Computer Systems	3
CSI	3334 Data Structures	3
GTX	2301H Intellect Trad of Ancient World	3
	Laboratory Science	4
		4
		16

Sophomore (Spring)

CSI	3344 Intro to Algorithms	3
CSI	3471 Software Engineering I	4
GTX	2302H Medieval Intellectual Tradition	3
	Laboratory Science	4
		3
		17

Junior (Fall)

ECS	3101 Independent Readings I	1
CSI	elective (CSI 3335 recommended)	3
CSI	elective (CSI 3336 recommended)	3
HON	3200 Honors Colloquium	2
		3
		3
		15

Junior (Spring)

ECS	3102 Independent Readings II	1
ECS	3001 Independent Readings Survey	0
CSI	elective (CSI 3472 recommended)	4
CSI	elective (CSI 4321 recommended)	3
HON	3201 Honors Colloquium	2
		3
		3
		16

Senior (Fall)

ECS	4v01 Research/Fellows Thesis I	1-3
CSI	elective	3
STA	3381 Probability & Statistics	3
		3
		3
		3
		15

Senior (Spring)

ECS	4302 Fellows Thesis	3
ECS	4001 Senior Exit Survey	0
		3
		3
		3
		3
		15

Hours to be filled until hrs >= 124

TOTAL HOURS

126

- First Year Seminar required (2 hours)
- 7 courses with Honors Credit during first two years (including GTX courses)

Computer Science Fellows

TENTATIVE CSF-International Business Course Map

Freshman (Fall)

REL	1310 The Christian Scriptures	3
CHA	1088 Chapel Forum	0
MTH	1321 Calculus I	3
CSI	1430 Intro to Computer Science I	4
BUS	1301 Bus, Econ, & World Affairs	3
		3
		16

Freshman (Spring)

REL	1350 The Christian Heritage	3
CHA	1088 Chapel Forum	0
MTH	1322 Calculus II	3
CSI	1440 Intro to Computer Science II	4
CSI	2350 Discrete Structures	3
ECO	2306 Microeconomics	3
		16

Sophomore (Fall)

MTH	2311 Linear Algebra	3
CSI	2334 Intro to Computer Systems	3
CSI	3334 Data Structures	3
QBA	2302 Bus Data Analysis I	3
ACC	2303 Financial Accounting	3
		15

Sophomore (Spring)

CSI	3344 Intro to Algorithms	3
CSI	3471 Software Engineering I	4
ECO	2307 Macroeconomics	3
ACC	2304 Managerial Accounting	3
		16

Junior (Fall)

ECS	3101 Independent Readings I	1
CSI	elective (CSI 3335 recommended)	3
CSI	elective (CSI 3336 recommended)	3
QBA	2305 Bus Data Analysis II	3
INB	3305 Global Business	3
	Laboratory Science	4
		17

Junior (Spring)

ECS	3102 Independent Readings II	1
ECS	3001 Independent Readings Survey	0
CSI	elective (CSI 3472 recommended)	4
CSI	elective (CSI 4321 recommended)	3
INB	3331 International Economics	3
	Laboratory Science	4
		15

Summer Study Abroad

Shanghai	15 in Shanghai	6
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Senior (Fall)

ECS	4v01 Research/Fellows Thesis I	1-3
CSI	elective	3
INB	elective	3
STA	3381 Probability & Statistics	3
		3
		3
		15

Senior (Spring)

ECS	4302 Fellows Thesis	3
ECS	4001 Senior Exit Survey	0
INB	elective	3
INB	elective	3
		3
		3
		15

Hours to be filled until hrs >= 124

TOTAL HOURS

131

Computer Science Fellows
TENTATIVE CSF-Mathematics Course Map

Freshman (Fall)

REL	1310 The Christian Scriptures	3
CHA	1088 Chapel Forum	0
MTH	1321 Calculus I	3
CSI	1430 Intro to Computer Science I	4
		3
		3

16

Freshman (Spring)

REL	1350 The Christian Heritage	3
CHA	1088 Chapel Forum	0
MTH	1322 Calculus II	3
CSI	1440 Intro to Computer Science II	4
CSI	2350 Discrete Structures	3
		3

16

Sophomore (Fall)

MTH	2311 Linear Algebra	3
CSI	2334 Intro to Computer Systems	3
CSI	3334 Data Structures	3
MTH	2321 Calculus III	3
	Laboratory Science	4

16

Sophomore (Spring)

CSI	3344 Intro to Algorithms	3
CSI	3471 Software Engineering I	4
MTH	3325 Ordinary Differential Equns	3
MTH	3312 Combinatorics & Algebra	3
	Laboratory Science	4

17

Junior (Fall)

ECS	3101 Independent Readings I	1
CSI	elective (CSI 3335 recommended)	3
CSI	elective (CSI 3336 recommended)	3
MTH	3323 Intro to Analysis	3
MTH	4314 Abstract Algebra	3
		3

16

Junior (Spring)

ECS	3102 Independent Readings II	1
ECS	3001 Independent Readings Survey	0
CSI	elective (CSI 3472 recommended)	4
CSI	elective (CSI 4321 recommended)	3
MTH	4326 Advanced Calculus I	3
MTH	4316 Linear Alg and Matrix Theory	3
		3

17

Senior (Fall)

ECS	4v01 Research/Fellows Thesis I	1-3
CSI	elective	3
MTH	4327 Advanced Calculus II	3
STA	4385 Mathematical Statistics I	3
		3
		3

15

Senior (Spring)

ECS	4302 Fellows Thesis	3
ECS	4001 Senior Exit Survey	0
STA	4386 Mathematical Statistics II	3
		3
		3

15

Hours to be filled until hrs >= 124

TOTAL HOURS

128