

Departmental Guidance

This guide is designed to assist advisors in helping students explore potential majors in their first two years on campus. Departments may send updated departmental guidance to the Coordinator of Academic Support and Advising to be added here.

Advisors are encouraged to reach out to faculty in particular departments if you have questions about course sequences or prerequisites.

Major	Year 1	Year 2	Year 3	Year 4
Anthropology	ANT 101 or 102	Year 2 or 3 ANT 484	Year 3 or 4 ANT 483	ANT/SAN/SOC 487
Art and Art History	Any 100 and/or 200-level studio art or art history courses	Any 200 and/or 300-level studio art or art history courses	Any 200 and/or 300-level studio art or art history courses	ART 391/392 ART 483/484 ART 487
Biology	CHE 121 CHE 122 BIO 141 BIO 142	CHE 225 BIO 205 BIO 211 Animal Elective	BIO 321 BIO 315 Plant Elective	BIO 485 Cell Elective
Biochemistry and Molecular Biology	CHE 121 CHE 122 BIO 141 BIO 142	CHE 225 CHE 326 CHE 327 BIO 205	CHE 202 BIO 315 BMB Elective	CHE 334 BMB 485
Business Actuarial Science	ECB 101 ECB 102 ECB 151 ECB 243 ECB 210	Calculus through MAT 122 CSC 151	ECB 301 or 302 ECB 340 MAT 301	ECB 352 STA 347 and 348
Business Analytics	ECB 101 ECB 102 ECB 151 ECB 121	STA 201 & 202 or STA 347 & 348 CSC 230 ECB 212	ECB 353 ECB Elective or Internship	ECB 354 ECB 358

Major	Year 1	Year 2	Year 3	Year 4
Business Finance	ECB 101 ECB 102 ECB 151	STA 201 or 347 ECB 225 ECB 243 ECB 210	ECB 253 ECB 302 ECB Elective or internship	ECB 352 ECB 300 elective
Chemistry	CHE 121 CHE 122 MAT 121 MAT 122	CHE 225 CHE 326 CHE 327 CHE 202 PHY 161 PHY 162	CHE 323 CHE 324 PHY 263 (not required)	Two electives
Classical Studies	Begin LAT or GRE courses according to placement Take at least one CLA course	LAT/GRE 205 One from CLA 216, 264, 372, 373	Year 3-4 Two LAT/GRE 300 level courses Two more CLA courses CLA 487	
Computer Science	CSC 140 CSC 151 MAT 119/120 OR MAT 121 OR STA 201	CSC 144 CSC 218 CSC 301	Years 3 & 4 Four 300 level electives in CSC CSC 512 (capstone)	Years 3 & 4 Internship or Research (optional)
Economics and Business	ECB 101 ECB 102 ECB 151	Quantitative Literacy Course STA 201 or 347 ECB Elective	ECB 301 ECB 302 ECB elective or internship	Two senior seminars ECB elective or internship
Education	EDU 215 EDU 205 See complete guide from department	EDU 230 EDU 240	See guide for methods courses	EDU 410, 420, 430 EDU 483

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Engineering	EGR 131 MAT 119 and 120 OR MAT 121 PHY 161 EGR 231	CHE 121 CSC 140 EGR 271 EGR 311 MAT 122 PHY 162 If offered: EGR 235	MAT 221 MAT 236 If offered: EGR 235 In year 3 or 4: EGR 235 EGR 270 At least four out of {EGR 331, EGR 332, EGR 346, EGR 352, EGR 361} another science course	EGR 385 In year 3 or 4: EGR 235 EGR 270 At least four out of {EGR 331, EGR 332, EGR 346, EGR 352, EGR 361} another science course
French *see notes below	Begin FRE courses according to placement			
Gender, Sexuality, and Women's Studies	Years 1 & 2 GSS 171 GSS 270 GSS 510 Content courses and electives	*Note: students interested in this major should connect with faculty in the department during their first year to discuss topics course options as they vary widely.	Years 3 & 4 GSS 487 Experiential learning Content courses and electives	
Geology	GEO 111 GEO 1XX	GEO 212 GEO 214 GEO 217 GEO 306 (can be in 2 nd or 3 rd year)	GEO 300 levels (these courses are offered every other year, so advisors and students need to make note of this when planning)	GEO 485 Remaining GEO courses

Major	Year 1	Year 2	Year 3	Year 4
German Studies *see notes below	Begin GER language courses according to placement information			
History	HIS 100 level courses Spring semester HIS 200 level courses may also be appropriate	Course sequences vary widely in history because of our flexible major requirements.		
International Relations	Years 1 and 2: POL 142 ECB 101 Language study One of the history courses listed	Students might also look at the options for item 5 since most are on a three year rotation	Remaining major courses	
Kinesiology Exercise Science	KIN 111 KIN 206 STA 201 Electives from KIN 212 or 237	Year 2 or 3 KIN 207 KIN 215 KIN 309 KIN 315 Electives from KIN 212, 215, 237		KIN 362 Electives from KIN 308, 310, 334, 380

Major	Year 1	Year 2	Year 3	Year 4
Kinesiology Physical Education *students interested in teaching should also consult the Education Department's requirements for application, testing, and courses	Year 1 or 2 KIN 111 KIN 206 KIN 237 STA 201 Required for admission to Education Program: EDU 205 EDU 215 EDU 230 EDU 240		Year 2, 3, or 4 KIN 207 KIN 309 KIN 311 KIN 318 KIN 327 KIN 324 KIN 334	
Management - General Management track	ECB 101 ECB 102 ECB 151 ECB 121	STA 201 ECB 212 or 246 PSY 274 ECB 253	ECB 210 or 243 ECB 326 PHI 223	ECB 362 ECB 327 or 328 ECB 300 level elective or internship
Management - Personnel Management track	ECB 101 ECB 102 ECB 151 ECB 121	STA 201 PHI 223 PSY 274 ECB 246 or 257	ECB 327 ECB 231 PSY 276 or 374	ECB 328 ECB 356 or 320
Mathematics *see additional notes below	Calculus sequence through MAT 122 CSC 151	MAT 221 MAT 236 CSC 140 Possibly STA 201, MAT 231	Possibly MAT 327 or MAT 337 Possibly 300 level two-course sequence Possibly STA 201 or STA 202 or other 200/300-level MAT or 300-level STA course with the exceptions of 280, 290, 380, 390, and 511	1-3 300-level math courses MAT 327 or MAT 337 if not already taken 300 level two-course sequence if not already taken MAT 502 in the fall and MAT 485 in the spring

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Music *see additional notes below	MUS 101 MUS 110 MUS 210 Begin lessons and ensembles in the primary medium; piano lessons also recommended Music ed majors: Begin techniques courses	MUS 310 MUS 343 Piano Proficiency Lessons, ensembles Voice majors: MUS 308 or 107 Music ed majors: MUS 331; Begin lessons in secondary media	Voice majors: MUS 308 or 107 MUS 306 in junior or senior year Complete piano proficiency	Senior capstone experience
Physics	MAT 119/120 or MAT 121 MAT 122 PHY 161 PHY 162 CSC 140	MAT 221 MAT 236 PHY 263 PHY 265 EGR 270	Year 3 or 4 At least 3 from PHY 305/321/ 322/334	PHY 312
Politics	Years 1 & 2 Political Thought class (topics courses) POL 142 POL 143 POL 172			

Major	Year 1	Year 2	Year 3	Year 4
Russian	RUS 101 RUS 102 RUS 2XX/3XX literature/culture course	RUS 103 RUS 205 RUS 2XX/3XX literature/culture course	RUS 301, 302, or 303 RUS 2XX/3XX literature/culture course Related course in another department (approved by RUS advisor)	RUS 301, 302, or 303 RUS 2XX/3XX literature/culture course Related course in another department (approved by RUS advisor) RUS 391 (optional tutorial) RUS 485
Sociology	SOC 101 or 102	Year 2 or 3 SOC 484	Year 3 or 4 SOC 483	ANT/SAN/SOC 487
Sociology and Anthropology	SOC 101 or 102 ANT 101 or 102	Year 2 or 3 SOC 484 or ANT 484	Year 3 or 4 SOC 483 or ANT 483	ANT/SAN/SOC 487
Spanish *see notes below	Begin Spanish courses according to placement information			
Theater *see notes below	THE 115 THE 107 or 108 THE 201			

French Additional Notes

Course schedules vary widely depending on whether students enter Cornell with language credits or not and at what level they place. The following are guidelines:

- We recommend that all students, whether intending to major in French or not, complete their language course requirement by the end of their second year.
- Majors should take Composition and Conversation (FRE 301) soon as possible as it is a prerequisite for all other 300-level courses in French except for FRE 303.
- Students who plan to do the 412 Capstone Independent Project must meet with the French Department before the end of their junior year for planning purposes. The

Capstone Seminar (FRE 411) occurs in alternate years and is generally taken in the third or fourth year.

German Studies Additional Notes

Course schedules vary widely depending on whether students enter Cornell with language credits or not. The following are guidelines:

- The introductory GER course schedule generally follows the following pattern: GER 103 (Fall semester); GER 101 (early in Spring semester); GER 102 (later in Spring semester). This way, a student with some German background can jump right in to German in the fall semester, ideally in the student's first year. Students without a background in German will start in the Spring, ideally in the first year, and then continue with GER 103 the following Fall semester.
- Students starting from scratch and wishing to major in German should start GER 101 in the Spring of their first year. It is very possible to complete a German major without any prior knowledge of German upon entry to Cornell, but the sequencing of courses and overall course availability (with presently only one German professor) makes starting early very important for such students.
- We recommend that all students, whether intending to major in German or not, complete their language course requirement by the end of their second year.
- **IMPORTANT:** note that with the occasional exception of GER 205 (which is presently being offered as GER 260: Business German), intermediate and upper-level GER courses (required in various degrees for the major and minor) such as GER 205, 301, 302, 311, etc. are not generally offered as such due to there being only one German professor. Instead, intermediate and advanced students will enroll in the German Studies (or German history, sometimes classified as HIS) courses being offered (usually in English; e.g. GER 115: Fairy Tales; GER 116: The Holocaust; GER 315: Fall of the Berlin Wall; GER 317: Nazi Germany; HIS 104; etc.) and then create with the professor a German-language-focused syllabus (usually with additional coursework in the language plus grammar and conversation practice). That course will then count as GER 301, 302, 311, or whichever course the student needs for the major). Students looking for those courses (GER 205, 301, 302, 311, 495) should therefore look for 100- or 300-level GER (and German history HIS) courses being offered and/or consult with the German professor.

Mathematics Additional Notes

- [Term sequence and additional notes.](#)
- Please review the math placement form to help decide which calculus courses to take (MAT 119/120 or MAT 121). If there is uncertainty, contact a member of the Department of Mathematics and Statistics
- STA 347-348 can be substituted for STA 201.
- All 200- and 300-level courses are offered every other year with the exception of MAT 221, MAT 236, STA 201, STA 202.
- For secondary education majors, student teaching must be completed in terms 1-4 or 5-8 of the senior year (starting in 2009-2010). MAT 231 should be taken in the sophomore or junior year depending on when it is offered, and students

will need to plan carefully around the MAT courses that are offered in alternate years.

Music Additional Notes

- Students considering the BMus in Music Education should meet with a Music advisor as early as possible to craft a 4 year plan.
- Music Theory courses must be taken in numerical order.
- Music History courses may be taken in any order. MUS 322 and 323 both have MUS 310 as a prerequisite. MUS 321 can be taken at any time.

Pre-Med and Other Health Sciences

- Please contact Dimensions staff for more information, and see the [Dimensions Faculty Guide](#)

Russian & Russian Studies Additional Notes

- RUS 301, 302, and 303 are offered on a rotating basis and do not have to be completed in order. Students may take any of these courses after 205.
- A literature/culture course at the 200 or 300 level is offered each year, generally in Block 5. Students may count a 200-level course toward the major or minor by completing extra work in the course (a longer paper that involves research).

Spanish Additional Notes

Course schedules vary widely depending on whether or not students enter Cornell with language credits. The following are guidelines:

- We recommend that all students complete their language course requirements by the end of their second year, regardless of major.
- Majors should take Composition and Conversation (SPA 301) by the fall of their second year, though many will take this course sooner.

Theater Additional Notes

In addition to the first-year courses listed, we recommend a course in the theatre history in the second year. Following the first year sequences will vary considerably and for some students might involve internships, special projects and independent study courses as well as a broad variety of OCAAT courses offered within the department. We pride ourselves on our ability to tailor paths to individual students.