

**Suggested First Year Course Matrix**

Major	Fall Semester	Spring Semester
Business Admin. - Accounting	MTH 131; ECO 181 or ECO182; UGC 111; ENG 101 or 102	ECO 181 or ECO182; PSY 101; ENG 102 or 201 or HMN; UGC 112; Arts Gen. Ed.
African American Studies	AAS 100; Foreign Language; ENG 101 or 102; UGC 111	AAS 260 or 358 or 355; Foreign Language; ENG 102 or 201 or HMN; UGC 112
American Studies	AMS 107; ENG 101 or 102; UGC 111; Foreign Language. Alt: Math course	A course from the AMS pre-req. list; ENG 102 or 201; Foreign Language; UGC 112. Alt: Math course
Anthropology	APY 106 or APY 107 or APY 108; ENG 101 or 102; UGC 111; Stats or Math; Foreign Language	APY 106 or APY 107 or APY108; ENG 102 or 201 or HMN; UGC 112; Foreign Language
Architecture	ARC 101; ARC 121; ENG 101 or 102; MTH 115 or MTH 121	ARC 102; ARC 122; ENG 102 or 201 or ARC 211; MTH 121 or PHY 101 or AP 100
Art – BA (Studio)	ART 120, VS 200; ART 140; VS 150; ENG 101 or 102; UGC 111	ART 105; ART 135; ART 110; ENG 102 or 201 or HMN; UGC 112
Art – Communication Design BFA	ART 120, VS 200; ART 140; VS 150; ENG 101 or 102; UGC 111	ART 105; ART 135; ART 110; ENG 102 or 201 or HMN; UGC 112
Art - Communication Design BA	ART 120, VS 200; ART 140 VS 150; ENG 101 or 102; MTH; UGC 111	ART 105; ART 135; ART 110; ENG 102 or 201 or HMN; UGC 112
Art - Photography BFA	ART 120, VS 200; ART 140; VS 150; ENG 101 or 102; UGC 111	ART 105; ART 135; ART 110; ENG 102 or 201 or HMN; UGC 112

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Art - Photography BA	ART 120, VS 200; ART 140; VS 150; ENG 101 or 102; MTH; UGC 111	ART 105; ART 135; ART 110; ENG 102 or 201 or HMN; UGC 112; Open Elective
Art - Computer Art BFA	ART 120, VS 200; ART 140; VS 150; ENG 101 or 102; UGC 111	ART 105; ART 135; ART 110; ENG 102 or 201 or HMN; UGC 112
Art - Printmaking BFA	ART 120, VS 200; ART 140; VS 150; ENG 101 or 102; UGC 111	ART 105; ART 135; ART 110; ENG 102 or 201 or HMN; UGC 112
Art – Sculpture BFA	ART 120, VS 200; ART 140; VS 150; ENG 101 or 102; UGC 111	ART 105; ART 135; ART 110; ENG 102 or 201 or HMN; UGC 112
Art – Painting BFA	ART 120, VS 200; ART 140; VS 150; ENG 101 or 102; UGC 111	ART 105; ART 135; ART 110; ENG 102 or 201 or HMN; UGC 112
Art History	AHI 101; Foreign Language; ENG 101 or 102; UGC 111	AHI 102; Foreign Language; ENG 102 or 201 or HMN; UGC 112
Asian Studies	AS 101, AS 110 or HIS 182; UGC 111; ENG 101 or 102 Foreign Language	AS 101, AS 110 or HIS 182; UGC 112; ENG 102 or 201; Foreign Language
Biochemistry	BIO 200; CHE 101; MTH 141; ENG 101 or 102	BIO 201 CHE 102; MTH 142; ENG 201 or Gen. Ed.
Bioinformatics – Biology Concentration	BIO 200; CHE 101; MTH 141; UGC 111; ENG 101 or 102	BIO 201; CHE 102; MTH 142; UGC 112; ENG 201 or HMN
Student might not take all Gen. Ed.'s listed here in the first year		

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Bioinformatics – Computer Science Concentration	CHE 101; CSE 115; MTH 141; UGC 111; ENG 101 or 102	CHE 102; CSE 116; MTH 142; UGC 112; ENG 201 or HMN
	Student might not take all Gen. Ed.'s listed here in the first year	
Bioinformatics – Math Concentration	CHE 101; CSE 115; MTH 141; UGC 111; ENG 101 or 102	CHE 102; CSE 116; MTH 142; UGC 112; ENG 201 or HMN
	Student might not take all Gen. Ed.'s listed here in the first year	
Biological Sciences	CHE 101; MTH 121 or MTH 141; BIO 200; ENG 101 or 102	CHE 102; MTH 122 or MTH 142; BIO 201; ENG 102 or 201 or HMN
Biomedical Sciences	BIO 200; CHE 101; MTH 121 or 141; ENG 101 or 102	BIO 201; CHE 102; MTH 122 or 142; ENG 201 or Gen. Ed.
Biotechnology	BIO 200; CHE 101; MTH 121 or 141; ENG 101 or 102;	BIO 201; CHE 102; CSE 101; ENG 201 or Gen. Ed.
Business Admin.	MTH 131; ECO 181 or ECO 182; UGC 111; ENG101 or 102	ECO 181 or ECO 182; PSY 101; UGC 112; ENG 102 or 201 or HMN; Arts Gen. Ed.
Chemistry	CHE 105 (preferred but can use CHE 101) MTH 141 (BS) MTH 121 (BA); ENG 101 or 102; UGC 111	CHE 106; MTH 142 or MTH 122; ENG 201 or HMN; UGC 112
Classics	LATxxx or GRxxx; ENG 101 or 102; UGC 111; Math or elective CL 222	LATxxx or GRxxx; CL 223; ENG 102 or 201; UGC 112; Math or elective
Communication	COM 101; Natural Science or Foreign Language; SOC 101; ENG 101 or 102 or Arts UGC 111	COM 217 or COM 225 or COM 240; CSE 111 PSY 101 or Natural Science; ENG 102 or 201 or HMN; UGC 112

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Communicative Disorders	CDS 151; ENG 101 or 102; PSY 101; ULC 148; BIO 129	CDS 290; ENG 201 or HMN; CSE 101; BIO 130; LIN 205 or LIN 207
Computer Science	CSE 115; MTH 121 or 131 or 141; ENG 101 or 102; UGC 111	CSE 116; CSE 191; MTH 122 or 142; ENG 102 or 201 or HMN; UGC 112
Economics	ECO 181; MTH 121 or MTH Prep; ENG 101 or 102; UGC 111. Alt: Foreign Language	ECO 182; MTH 121 or MTH 122; ENG 102 or 201 or HMN; UGC 112
Engineering – Computer	CHE 107; MTH 141; CSE 115; ENG 101 or 102; UGC 111	MTH 142; PHY 107; CSE 116; ENG 102 or 201 or HMN; UGC 112
Engineering – Electrical	CHE 107; MTH 141; EAS 140; ENG 101 or 102; UGC 111	MTH 142; PHY 107; EE 101; ENG 102 or 201 or HMN; UGC 112
Engineering - Civil/Environmental	CHE 107; MTH 141; EAS 140; ENG 101 or 102; UGC 111; CIE 101 (Civil only)	MTH 142; PHY 107; CHE 108; MAE 177; ENG 102 or 201 or HMN
Engineering - Mechanical/Aerospace	CHE 107; MTH 141; EAS 140; ENG 101 or 102; UGC 111	MTH 142; PHY 107; MAE 177; EAS 230; ENG 102 or 201 or HMN

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Engineering - Chemical	CHE 107; MTH 141; EAS 140; ENG 101 or 102; UGC 111	MTH 142; PHY 107; ENG 102 or 201 or HMN; CHE 108; EAS 230
Engineering - Industrial	CHE 107; MTH 141; EAS 140; ENG 101 or 102; UGC 111	MTH 142; PHY 107; ENG 102 or 201 or HMN; CHE 108; UGC 112; IE 101 (IE Recommended)
Engineering - Engineering Physics	CHE 107; MTH 141; EAS 140; ENG 101 or 102; UGC 111	MTH 142; PHY 107; ENG 102 or 201 or HMN; CHE 108; UGC 112
English	ENG 101 or 102; Foreign Language; 200 level Lit. course UGC 111; Math or Elective	ENG 102 or 201; Foreign Language; 200 level Lit. course UGC 112; Math or Elective
Environmental Design	PD 120; ENG 101 or 102; ARC 121; GEO 101; MTH 115 or ULC 148	PD 212; ENG 102 or 201; ARC 122 or ARC 211; GEO 106; Depth Requirement (statistics course)
Exercise Science	CHE 101; MTH 121 or MTH 141; ENG 101 or 102; PSY 101	CHE 102; ENG 102 or 201 or HMN; STA 119; NTR 108
Film Studies	DMS 107 or 108 or 259; ENG 101 or 102; Film Studies Elective; UGC 111 Math or Gen. Ed.	DMS 107 or 108 or 259; ENG 102 or 201; Film Studies Elective; UGC 112 Gen. Ed. or Math
French	FRxxx (depends on placement); ENG 101 or 102; UGC 111; Math	FRxxx; ENG 102 or 201; UGC 112
Geography	GEO 101, 102 or 103; GEO 120; ENG 101 or 102; UGC 111; Foreign Language	One GEO course in specialty area; ENG 102 or 201 or HMN; UGC 112; Foreign Language

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Geological Sciences	CHE 101 or PHY 101/151; MTH 121; ENG 101 or 102; GLY 101 or 103	CHE 102 or PHY 102/152 (BS) MTH 122 (BS); ENG 102 or 201 or HMN; GLY 102 or 104
German	GERxxx (depends on placement); ENG 101 or 102; Math; UGC 111	GERxxx; ENG 102 or 201; UGC 112
Global Gender Studies	WS 101; Foreign Language; ENG 101 or 102; UGC 111; Math or Elective	Two WS Courses; Foreign Language; ENG 102 or ENG 201; UGC 112
History	HIS (any 100 level); ENG 101 or 102; Foreign Language; Math	HIS (any 200 level); ENG 102 or 201; Foreign Language; Gen. Ed.
Italian	ITAxxx (depends on placement); ENG 101 or 102; UGC 111; Math	ITAxxx; ENG 102 or 201 or HMN; UGC 112; Gen. Ed.
Linguistics	LIN 205 or LIN 207; UGC 111; ENG 101 or 102; Foreign Language; Math	LIN 205 or LIN 207; UGC 112; ENG 102 or 201 or HMN; Foreign Language
Mathematics - Computing and Applied Math	MTH 141; CSE 115; UGC 111; ENG 101 or 102	MTH 142; CSE 116; UGC 112; ENG 102 or 201 or HMN
Mathematics - Math/Economics Joint Major	MTH 141; UGC 111, ENG 101 or 102; Foreign Language	MTH 142; UGC 112; ENG 102 or 201 or HMN; Foreign Language
Mathematics - General Study in App Math	MTH 141; CSE 115; PHY 107; ENG 101 or 102	MTH 142; CSE 116; PHY 108/158L; ENG 102 or 201 or HMN
Mathematics - General Study in Math	MTH 141; UGC 111; ENG 101 or 102; Foreign Language	MTH 142; UGC 112; ENG 102 or 201 or HMN; Foreign Language

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Mathematics - Math/Physics Joint Major	MTH 141 (MTH 115 if not Calc. ready); PHY 107 (PHY 100 if not Calc. ready); UGC 111; ENG 101 or 102	MTH 142; PHY 108/158L; UGC 112; ENG 102 or 201 or HMN
Mathematics-GS/ED General Study in Math and Education	MTH 141; CSE 113 or 115; UGC 111; ENG 101 or 102	MTH 142; CSE 114 or 116; UGC 112, ENG 102 or 201 or HMN
Media Study - Critical Studies	DMSxxx; ENG 101 or 102; UGC 111; Foreign Language; Math	DMSxxx; ENG 102 or 201 or HMN; UGC 112; Foreign Language
	DMS courses for new freshmen – seats are reserved by dept. each year	
Media Study - Production	DMSxxx; ENG 101 or 102; UGC 111; Foreign Language; Math	DMSxxx; ENG 102 or 201 or HMN; UGC 112; Foreign Language
	DMS courses for new freshmen – seats are reserved by dept. each year	
Medical Technology	BIO 200; CHE 101; ENG 101 or 102; UGC 111	BIO 201; CHE 102; ENG 201 or Gen. Ed.; UGC 112
Medicinal Chemistry	CHE 105 (preferred but can use CHE 101); ENG 101 or 102; MTH 141	CHE 106 (or CHE 102); MTH 142; ENG 201 or HMN
Music B in Performance	MUS 105/lab (requires placement exam); ENG 101 or 102; Foreign Language or UGC 111; Applied Music (requires audition, instrument or voice 4 cr.); Ensemble 2 cr.	MUS 106/lab; ENG 102 or 201 or HMN; Foreign Language or UGC112; Applied Music (4 cr.); Ensemble 2 cr.
Music BA	MUS 105/lab (requires placement exam); ENG 101 or 102; Foreign Language; UGC 111; Applied Music (requires audition, opt 2 or 4 cr.); Ensemble - opt	MUS 106/lab; ENG 102 or 201 or HMN; Foreign Language; UGC 112; Applied Music - opt; Ensemble – opt
Nuclear Med. Tech.	BIO 200; CHE 101; ENG 101 or 102; UGC 111	BIO 201; CHE 102; ENG 201 or Gen Ed UGC 112

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Nursing	ANA 113; PSY 101; ENG 101 or 102; UGC 111; NUR 101; Alt: NTR 108; ULC 148	PGY 300; ENG 102 or 201; STA 119 or PSY 207 or CEP 207 NUR 250; UGC 112; Alt: ARTS; NTR 108
	Recommended sequence assumes chemistry requirement already completed in high school	
Occupational Therapy	ANA 113; PSY 101; ENG 101 or 102; UGC 111; UBE 101	PSY 322; MTH 115; OT 230; UGC 112; ENG 102 or 201 or HMN
Pharmaceutical Sciences	BIO 200; CHE 101 or CHE 105; ENG 101 or 102; UGC111	BIO 201; CHE 102 or CHE 106; ENG 102 or 201 or HMN; UGC 112 or STA 119 or PSY 207
Pharmacology & Toxicology	BIO 200; CHE 101; MTH 121 or MTH 141; ENG 101 or 102	BIO 201; CHE 102; MTH 122 or 142; ENG 201 or Gen. Ed.
Pharmacy	BIO 200; CHE 101 or CHE 105; a Social/Behavioral Science course; ENG 101 or 102 (4 courses only - 1 BIO, 1 CHE & 2 others)	BIO 201; CHE 102 or CHE 106 ENG 102 or 201 or HMN STA 119 or PSY 207 (not Early Assurance) or MTH 141 (Early Assurance)
Philosophy	PHI 107 OR 108 or 215; ENG 101 or 102; UGC 111; Foreign Language; Math	PHI 107 or 108 or 215; ENG 102 or 201; UGC 112; Foreign Language; Elective
Physics	MTH 141; CHE 101; UGC 111; PHY107 (PHY 117-Honors) (Could delay PHY107 to spring and/or put off CHE 1 year) PHY 100 (for students who feel they are not prepared for PHY 107)	MTH 142; PHY 108/158L (PHY 118 - Honors); ENG 101 or 102; UGC 112; CHE 102
Political Science	PSC 101; ENG 101 or 102; Foreign Language; UGC 111; Math	PSC 101; ENG 102 or 201 or HMN; UGC 112; Methods Course

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Major	Fall Semester	Spring Semester
Psychology	PSY 101; MTH 115 or ULC 148; ENG 101 or 102; UGC 111; Foreign Language	PSY 207; PSY 3xx; ENG 201 or HMN; UGC 112 Foreign Language
Social Sciences Interdisciplinary (SSC)- Cognitive Science	PSY 101; ENG 101 or 102; UGC 111; Foreign Language	ENG 102 or 201 or HMN; UGC 112; PSY 342 (pre-req.)
Social Sciences Interdisciplinary (SSC)- Health & Human Services	SSC 103; PSY 101; ENG 101 or 102; UGC 111; BIO 129	SOC 101 or PHI 107 or COM101 or APY 106; ENG 102 or 201 or HMN; UGC 112; Math or any Stats (except for STA 111 or 112 or PSC 408) BIO 130
Social Sciences Interdisciplinary (SSC)- Envir. Studies/BA	SSC 118; GLY 101 or GEO 101; UGC 111; Foreign Language; ENG 101 or 102	ENG 102 or 201 or HMN; GEO 106 or GLY 102; UGC 112; Math (STA 119, PSY 207, SSC 225, SOC 294); APY 120
Social Sciences Interdisciplinary (SSC)- Envir. Studies/BS	SSC 118; GLY 101 or GEO 101; ENG 101 or 102; Foreign Language; UGC 111	UGC 112; GEO 106 or GLY 102; ENG 102 or 201 or HMN; Math (STA 119, PSY 207, SSC 225, SOC 294); APY 120
Social Sciences Interdisciplinary (SSC)- International Studies	ECO 181 or 182 or GEO 103 or PSC 103; ENG 101 or 102; UGC 111; Foreign Language	PSC 102 ENG 102 or 201 or HMN; UGC 112; Foreign Language
Social Sciences Interdisciplinary (SSC)- Legal Studies	HIS 161 or HIS 162; PSC 101; ENG 101 or 102; UGC 111; Foreign Language	ENG 102 or 201 or HMN; UGC 112; Math
Social Sciences Interdisciplinary (SSC)- Urban & Public Policy	SOC 101; PSC 101; ENG 101 or 102; UGC 111; Foreign Language or Math (any Stats except STA 111 or 112 & PSC 408)	Choose one or two (ECO 181 or ECO 182 or ECO 209, GEO 103, PD 120, SOC 206); ENG 102 or 201 or HMN; UGC 112; Math (any Stats except STA 111 or 112 or PSC 408)

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Major	Fall Semester	Spring Semester
Sociology	SOC 101; ENG 101 or 102; UGC 111; Foreign Language; Math	SOC 2xx; ENG 102 or 201 or HMN; UGC 112; Foreign Language; Elective
Spanish	SPAxxx (depends on placement); ENG 101 or 102; Math; UGC 111	SPA xxx; ENG 102 or 201; Math; UGC 112
Theater – Theatre	TH 101; TH 106/135 (F or S); TH 108; UGC 111 or PSY 101; ENG 101 or 102	TH 109; TH 203; UGC 112; PSY 101 or COM 101 or SOC 101 ENG 201
Theater - Dance	Accepted by Audition Only TH 101; THD 201, 210, 213, 263 UGC 111; ENG 101 or 102	TH 106/136; THD 202, 211, 214, 264; UGC 112; ENG 201
Theater – Music Theatre	Accepted by Audition Only TH 101; TH 108; THD 213, 263; MUS 105; UGC 111 or COM 101; ENG 101 or 102	TH 106/136 TH 109 THD 214, 264; MUS 106; UGC 112; ENG 201
Undecided	UGC 111; ENG 101 or 102; Gen. Ed.; Elective (possible major course intro)	UGC 112; ENG 102 or ENG 201 or HMN; Gen. Ed.; Elective (possible major course intro)