## RECOMMENDED MAJOR AND PRE-PROFESSIONAL COURSES FOR FIRST-YEAR STUDENTS

Majors/Programs	Department Chair, Director, or Program Advisor (Department)	Required or strongly recommended major/program courses for the fall of the freshman year	Required or strongly recommended major/program courses for the spring of the freshman year	Suggested major/program courses for the fall or spring of the freshman year	Department/program courses appropriate for non-majors	Comments
<u>Art</u>	Prof. Ralph Paquin (Art)	ART110	ART110 (if not taken in Fall)	ART120, ARTH110, ARTH120	ART110, ART 274, any ARTH courses at the 100 or 200 level	
Art- History Concentration	Prof. Ralph Paquin (Art)	ARTH110	ARTH120	ART274, ARTH110, ARTH120, any ARTH at 200 level	ART110, ART 274, any ARTH courses at the 100 or 200 level	
<u>Biochemistry</u>	Dr. Latha Gearheart (Chemistry and Biochemistry)	CHEM 101-CHEM 101L, BIOL 1150,-BIOL 1150L	CHEM 102-CHEM 102L, BIOL 1151-BIOL 1151L			
Biology	Dr. Stuart Gordon (Biology) Dr. Mike Rischbieter (Biology)	BIOL 1150-BIOL 1150L & Chem 101-Chem 101L if pre-med, pre- vet or pre-dental	BIOL 1151-BIOL 1151L & Chem102- Chem102L if pre- med, pre-vet or pre- dental		BIOL 1000	PHYS 2000 will help prepare for PHYS 1500. The MCAT covers material from both PHYS 1500 and 1510. Chem 101&102 w/Lab are recommended for all biology majors during their first year and are essential for those interested in dental, medical, or veterinary school.
Biology- Forestry/Environmen tal Management	Dr. Stuart Gordon (Biology)- Dr. Mike Rischbieter (Biology	BIOL 1150-BIOL 1150L	BIOL 1151-BIOL 1151L			

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Biology-Pharmacy	Dr. Stuart Gordon	CHEM 101-CHEM 101L, BIOL 1150-BIOL	CHEM 102-CHEM 102L, BIOL 1151-BIOL			
Business Administration-	Prof. Karen Mattison (Economics and Business	1150L	1151L	ECON 205, ECON 206		By the end of the Sophomore year, students should have completed: ECON 205, ECON 206, ACCT 203, BADM 307,
Accounting  Business Administration-Data Analytics	Prof. Karen Mattison (Economics and Business Administration)			BADM 371, ECON 205, ECON 206 or ACCT 203		By the end of the Sophomore year, students should have completed: BADM 371, ECON 205, ECON 206, ACCT 203, BADM 307, and BADM 315
Business Administration- Management	Prof. Karen Mattison (Economics and Business Administration)			ECON 205, ECON 206 or ACCT 203		By the end of the Sophomore year, students should have completed: ECON 205, ECON 206, ACCT 203, BADM 307, and BADM 315
Business Administration- Marketing	Prof. Karen Mattison (Economics and Business Administration)			ECON 205, ECON 206 or ACCT 203		By the end of the Sophomore year, students should have completed: ECON 205, ECON 206, ACCT 203, BADM 307, and BADM 315

National (Durantum	Department Chair, Director, or Program Advisor	Required or strongly recommended major/program courses for the fall of	Required or strongly recommended major/program courses for the spring of the	Suggested major/program courses for the fall or spring of the	Department/program courses appropriate	Comments
Majors/Programs  Chemistry	Dr. Latha Gearheart (Chemistry and Biochemistry)	the freshman year  CHEM 101-CHEM 101L	CHEM 102-CHEM 102L	Math 201 for the fall and Math 202 for the spring	for non-majors	Comments
Chemistry-Pharmacy Concentration	Dr. Latha Gearheart (Chemistry and Biochemistry)	CHEM 101-CHEM 101L, BIOL 1150-BIOL 1150L	CHEM 102-CHEM 102L, BIOL 1151-BIOL 1151L	Math 201 for the fall and Math 202 for the spring		
Computational Biology	Dr. Stuart Gordon (Biology)	BIOL 1150-BIOL 1150L, MATH 201 Calculus I & Analytical Geometry	BIOL 1151-BIOL 1151L	CHEM 101-CHEM 101L (fall), CHEM 102- CHEM 102L (spring)		
<u>Computer Science</u>	Dr. Greg Goeckel (Computer Science) Dr. Olivia Nche (Computer Science)	CSC 2205	CSC 2255	Math 199 or 201	CSC 1235	The required mathematics course is either MATH 201 (Calculus I) or MATH 199 (Applied Calculus). Students leaning towards a computer science major are recommended to take MATH 201, especially if they are also thinking about majors or minors in Mathematics, Chemistry, or Physics. Otherwise, MATH 199 is a good choice.
<u>Economics</u>	Prof. Karen Mattison (Economics and Business Administration)			MATH 199 or 201, ECON 205 or 206		By the end of the Sophomore year, students should have completed: ECON 205, ECON 206, MATH 199 or 201, ACCT 203

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Education-Early Childhood	Dr. Patti Jones (Education)	EDUC 201		PSYC 1001 Introductory Psychology	EDUC 210	Education majors should take PSYC 1001 to prepare them for EDUC 241/PSYC 2041, Educational Psychology
Education- Elementary	Dr. Patti Jones (Education)	EDUC 201		PSYC 1001 Introductory Psychology	EDUC 210	Education majors should take PSYC 1001 to prepare them for EDUC 241/PSYC 2041, Educational Psychology
Education-Middle School- Specializations in Language Arts, Mathematics, Science, and Social Science	Dr. Patti Jones (Education)	EDUC 201		PSYC 1001 Introductory Psychology	EDUC 210	Education majors should take PSYC 1001 to prepare them for EDUC 241/PSYC 2041, Educational Psychology
Education-Special Education	Dr. Tammy Graham (Education)	EDUC 201		PSYC 1001 Introductory Psychology	EDUC 201, EDUC 210, EDUC 371	Education majors should take PSYC 1001 to prepare them for EDUC 241/PSYC 2041, Educational Psychology
Special Education Inquiry and Analysis	Dr. Tammy Graham (Education)	EDUC 201 EDUC 201 and ENGL		PSYC 1001 Introductory Psychology	EDUC 201, EDUC 210, EDUC 371	Contact Dr. Tammy Graham for information.
ELL (English		1001 OR for those students with AP, IB, or transfer credit for ENGL 1001-1002, take a foundation course (ENGL 2101 is required; 2102 or 2103 is required) or a survey course (ENGL		PSYC 1001		
Language Learner) PK-12	<u>Dr. Patti Jones</u> (Education)	2201, 2203, 2205, or 2207.)		Introductory Psychology	EDUC 210	Contact Dr. Patti Jones for information.

	Department Chair,	Required or strongly recommended	Required or strongly recommended major/program	<u>Suggested</u> major/program		
	Director, or Program Advisor	major/program courses for the fall of	courses for the spring of the	courses for the <u>fall or</u> spring of the	Department/program courses appropriate	
Majors/Programs	(Department)	the freshman year	freshman year	freshman year	for non-majors	Comments
Wajors/Trograms	(Department)	the freshman year	iresiiiiaii yeai	For those students	101 Hon-majors	Comments
		ENGL 1001 OR for	ENGL 1002 OR for	with AP, IB, or		
		those students with	those students with	transfer credit for		Students who have fulfilled the
		AP, IB, or transfer	AP, IB, or transfer	ENGL 1001-1002, take	Courses that count	1001/1002 prerequisites should consider
		credit for ENGL 1001-	credit for ENGL 1001-	a foundation course	for intercultural credit	a foundation or survey course. If they
		1002, take a	1002, take a	(ENGL 2101, 2102, or	(with ENGL 1001-	have an interest in an upper-level
		foundation course (ENGL 2101) or a	foundation course (ENGL 2102) or a	2103) or a survey course (ENGL 2201,	1002 as prerequisites): ENGL	course, we recommend they email the professor and have a chat, but as long as
	Dr. Lynne Simpson	survey course (ENGL	survey course (ENGL	2202, 2203, 2204,	2205, 3371, 3380, or	they are prepared for the workload, we
	(English)	2201, 2203, or 2206)	2202, 2204, or 2207)	2205, 2206, or 2207).	3520	are happy to have them.
	<u>(Linguista</u>			For those students		
				with AP, IB, or		
				transfer credit for		
			ENGL 1002 <b>OR</b> for	ENGL 1001-1002, we		
			those students with	recommend COMM		Students who have fulfilled the
			AP, IB, or transfer credit for ENGL 1001-	2100, COMM 2200,		1001/1002 prerequisites should consider COMM 2100, COMM 2200, a foundation
		ENGL 1001 <b>OR</b> for	1002, take a	MDST 230, a foundation course		course, or a survey course. If they have
		those students with	foundation course	(ENGL 2101, 2102,		an interest in an upper-level course, we
English		AP, IB, or transfer	(ENGL 2101, 2102, or	2103,) or a survey		recommend they email the professor
Communication		credit for ENGL 1001,	2103) or a survey	course (ENGL 2201,		and have a chat, but as long as they are
	<u>Dr. Lynne Simpson</u>	take COMM 2100 or	course (ENGL 2202,	2202, 2203, 2204,		prepared for the workload, we are happy
<u>Concentration</u>	(English)	ENGL 1002.	2204, or 2206.)	2205, 2206, or 2207.)	COMM 2100	to have them.
				For those students		
				with AP, IB, or transfer credit for		
				ENGL 1001-1002, take		
				a workshop course		
				(CRWR 2100, 2200,		
				2300, or 2400) or a		If the student has fulfilled the 1001/1002
		ENGL 1001 <b>OR</b> for	ENGL 1002 OR for	foundation course		prerequisites, then we recommend
		those students with	those students with	(ENGL 2101, 2102, or		CRWR 2100, 2200, 2300, or 2400. Often,
Fuelish Cuestive Puef		AP, IB, or transfer	AP, IB, or transfer	2103) or a survey		if a student has credit for 1001, they can
English-CreativeProf. Writing	Dr. Lynne Simpson	credit for ENGL 1001- 1002, take CRWR 2100	credit for ENGL 1001- 1002, take CRWR	course (ENGL 2201, 2202, 2203, 2204,	CRWR 2100, 2200,	"dual enroll" in ENGL 1002 and a 2000- level CRWR course. Contact Prof. Robert
Concentration	(English)	or 2300.	2200.	2202, 2203, 2204, 2206, or 2207.)	2300, or 2400	Stutts about CRWR courses and options.

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EnglishSecondary Education Minor	Dr. Lynne Simpson (English)	EDUC 201 and ENGL 1001 <b>OR</b> for those students with AP, IB, or transfer credit for ENGL 1001-1002, take a foundation course (ENGL 2101 is required; 2102 or 2103 is required) or a survey course (ENGL 2201, 2203, 2205, or 2207.)	EDUC 201 and ENGL 1002 <b>OR</b> for those students with AP, IB, or transfer credit for ENGL 1001-1002, take a foundation course (ENGL 2101, 2102, 2103) or a survey course (ENGL 2202, 2204, or 2206.)	For those students with AP, IB, or transfer credit for ENGL 1001-1002, take a foundation course (ENGL 2101, 2102, or 2103) or a survey course (ENGL 2201, 2202, 2203, 2204, 2206, or 2207.)	Courses that count for intercultural credit (with ENGL 1001-1002 as prerequisites): ENGL 2205, 3371, 3380, or 3520	PSYC 1001 must be completed before students can enroll in any other elective psychology courses
French	Dr. Sharon Knight (Modern Foreign Languages)	Any FREN course, according to FL placement. FREN 2002 for heritage speakers. Any 3000- or 4000-level FREN course for native speakers.	Any FREN course, according to FL placement. FREN 2002 for heritage speakers. Any 3000-or 4000-level FREN course for native speakers.	Any FREN course according to FL placement	FREN 1001, FREN 1002, or FREN 2001 in Fall. The next course in the FREN series (1001-1002-2001) is recommended for Spring.	For most students, FL placement is located in Degree Works. Check the bottom left of the Worksheets dashboard. FREN 2002 counts for Intercultural coursework credit.
History	<u>Dr. Jackie Sumner</u> (History)	HIST 1100 or HIST 1101	HIST 1100 or HIST 1101			
HistorySecondary Education Minor	Dr. Jackie Sumner (History)	HIST 1100 or HIST 1101	HIST 1100 or HIST 1101			
International Studies	Dr. Patrick Kiley (Modern Foreign Languages)	FREN 2002, SPAN 2002, or CHIN 202 or above for core requirements				

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<u>Mathematics</u>	Dr. Doug Daniel (Mathematics)	Math 201, Math 202, or Math 301 depending upon preparation level and AP credit earned.	Math 202 or Math 302	Math 221 should be completed by the end of the sophomore year.	Math 110, Math 120, Math 199, Math 201, Math 202	Math 201 and higher assumes competence in pre-calculus and trigonometry.
Mathematics Secondary Education	Dr. Doug Daniel	Same as for	Same as for	Same as for	Math 110, Math 120, Math 199, Math 201,	Math 201 and higher assumes competence in pre-calculus and
Minor	(Mathematics)	Mathematics majors	Mathematics majors	Mathematics majors	Math 202	trigonometry.
Medical Physics	Dr. Eli Owens (Physics)	MATH 201	MATH 202 & PHYS 1600	PHYS 1000 or 1500 as an introduction to physics for those who have not had physics in high school		
Military Science Program	LTC Janet Pete-Fox (Military Science)	MILS 101-101L	MILS 201-201L		MILS 101/201	incoming ROTC scholarship Cadets and those students who wish to be commissioned should take both the 100/200 level courses in order to be a progression Cadet and meet commissioning requirements
Modern Foreign Languages	Dr. Sharon Knight (Modern Foreign Languages)	Any FREN and/or SPAN course (according to FL placement)	Any FREN and/or SPAN course (according to FL placement)	Any FREN and/or SPAN course (according to FL placement)	n/a (there are no courses with MFL suffix)	For most students, FL placement is located in Degree Works. Check the bottom left of the Worksheets dashboard.

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Music	Dr. Richard Thomas (Music)	MUSC 1201 and 1202 (co-requisites). MUSC 1551. MUSC 1000. MUSC 1701. Designated Applied Lessons and Ensembles are based on the area of concentration and Music Scholarship requirements.	MUSC 1203 and 1204 (co-requisites), MUSC 1552, MUSC 1000, MUSC 1702. Ensembles. Designated Applied Lessons and Ensembles are based on the area of concentration and Music Scholarship requirements See comments	MUSC 1201 and 1202 (Fall) and MUSC 1203 and 1204 (Spring). MUSC 1701 (Fall) and MUSC 1702 (Spring). MUSC 1000 (both Fall and Spring). MUSC 1551 (Fall) and MUSC 1552 Spring. Applied Lessons and Ensembles are based on the area of concentration, are required for the major, and Music Scholarship requirements. All of the courses are required for a music major.	MUSC 1000 (both Fall and Spring). MUSC 1100, MUSC 1101 (Gen. Ed. course) and MUSC 1151 (Intercultural Gen. Ed.) can be taken by all students. Applied Lessons (MUSC 1500 and 1510) and ensembles (areas dependent upon the individual student) can be taken by any PC student. Students with a Music Scholarship are required to register for ensembles.	All of these are requirements for a Music Major or Music Minor. Some of these requirements are for a Music Scholarship. [Taken from 4-year plan posted on the website]
Physics  Physics-Dual Degree Engineering	Dr. Eli Owens (Physics)  Dr. Eli Owens (Physics)	MATH 201	MATH 202 & PHYS 1600 MATH 202 & PHYS	PHYS 1000 or 1500 as an introduction to physics for those who have not had physics in high school  PHYS 1000 or 1500 as an introduction to physics for those who have not had physics in high school	PHYS 2000 for Biology majors before they take PHYS 1500	

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Political Science and Public Policy	Dr. David Liu (Political Science)	PLSC 1001 & 1002	PLSC 1001 & 1002	PLSC 1001 & 1002	PLSC 1001 & 1002	
Pre-Law and Criminal Justice Program	Dr. Erin McAdams (Political Science)	POLS 1001 (strongly recommended in either fall or spring of first-year)	POLS 1001 (strongly recommended in either fall or spring of first-year)			POLS / PRLW 3030: Intro to Legal Studies is offered every Spring, and is the first primary pre-law course. Only strong first-year students tend to be successful in this course, so advisors should work with advisees to determine if the spring in the first- or sophomore year is most appropriate.
Pre-Theological Program	Dr. Craig Vondergeest (Religion and Philosophy)	RELG 200	PHIL 301 or 309, or RELG 202, 203, 210, 212 or 215	Any 200-level course	Any 200-level course	
<u>Psychology</u>	Dr. Kate Anderson (Psychology)			PSYC 1001	PSYC 1001	If students have already completed PSYC 1001 (or equivalent), then the most appropriate Psychology courses for them to take in their first year at PC would be PSYC 2010, 2020, 2030, 2040, and/or 2050.
Religion and Philosophy	Dr. Craig Vondergeest (Religion and Philosophy)	RELG 200	PHIL 301 or 309, or RELG 202, 203, 210, 212 or 215	Any 200-level course	Any 200-level course	

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Religion and Philosophy-Christian Studies Concentration	Dr. Craig Vondergeest (Religion and Philosophy)	RELG 200	PHIL 301 or 309, or RELG 202, 203, 210, 212 or 215	Any 200-level course	Any 200-level course	
Religion and Philosophy-Philosophy Concentration	Dr. Craig Vondergeest (Religion and Philosophy)	RELG 200; PHIL 205	PHIL 301 or 309, or RELG 202, 203, 210, 212, or 215; PHIL 205 (if not taken during the fall)	PHIL 203	Any 200-level course	
Religion and Philosophy-Religious Studies Concentration	Dr. Craig Vondergeest (Religion and Philosophy)	RELG 200	PHIL 301 or 309, or RELG 202, 203, 210, 212 or 215	Any 200-level course	Any 200-level course	
Religion-Leadership, Service and Ministry	Dr. Craig Vondergeest (Religion and Philosophy)	RELG 200	PHIL 301 or 309, or RELG 202, 203, 210, 212 or 215	Any 200-level course	Any 200-level course	
Sociology	Dr. Carla Alphonso (Sociology)	SOC 201	SOC 201	SOC 201	SOC 201, SOC 206	

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<u>Spanish</u>	Dr. Sharon Knight (Modern Foreign Languages)	Any SPAN course, according to FL placement. SPAN 2002 for heritage speakers. Any 3000- or 4000- level SPAN course for native speakers.	Any SPAN course, according to FL placement. SPAN 2002 for heritage speakers. Any 3000- or 4000-level SPAN course for native speakers.	Any SPAN course, according to FL placement. SPAN 2002 for heritage speakers. Any 3000- or 4000-level SPAN course for native speakers.	SPAN 1001, SPAN 1002, or SPAN 2001 in Fall. The next course in the FREN series (1001-1002-2001) is recommended for Spring. SPAN 2002 counts for Intercultural coursework credit.	For most students, FL placement is located in Degree Works. Check the bottom left of the Worksheets dashboard. SPAN 1051 is discontinued. SPAN 2002 counts for Intercultural coursework credit.
Pre-Health Science Program*	Dr. Austin Shull, Chair of the Health Science Advisory Committee (Biology)					
*Pre-Dental	Dr. Latha Gearheart (Chemistry and Biochemistry)	BIOL 1150-1150L, CHEM 101-101L	BIOL 1151-1151L, CHEM 102-102L			
*Pre-Medical	Dr. Austin Shull (Biology)	BIOL 1150-1150L, CHEM 101-101L	BIOL 1151-1151L, CHEM 102-102L			
<u>*Pre-Nursing</u>	Dr. Jim Wetzel (Biology)					
*Pre-Occupational Therapy	Dr. Jim Wetzel (Biology)	BIOL 1150-1150L &CHEM 101-101L	BIOL 1151-1151L, CHEM 102-102L (if completed CHEM 101-101L in fall)			While students are encouraged to take both BIOL 1150-BIOL 1150L and CHEM 101-CHEM 101 together, students in this track may be able to take just one of these during the fall semester and stay on track.

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<u>*Pre-Optometry</u>	Dr. Mike Rischbieter (Biology)	BIOL 1150-1150L &CHEM 101-101L*	BIOL 1151-1151L, CHEM 102-102L (if completed CHEM 101-101L in fall)			Check this site out for all of the recommended prerequisites by State (where a School of Optometry is located):https://www.optomcas.org/information-about-schools-colleges/school-college-prerequisites
*Pre-Pharmacy (Suggested Course Schedule for Completion of Pre- Pharmacy Coursework in 2 + Years)	Dr. Mike Rischbieter, Pre- Pharmacy advisor (Biology)	BIOL 1150-1150L, CHEM 101-101L, ENGL 1001, COLS 1000, any HIST or PLSC (recommend HIST 1100, HIST 1101, PLSC 201, or PLSC 202)	BIOL 1151-1151L, CHEM 102-102L, ENGL 1002, MATH 199 or Math 201, any PSYC or SOC (recommend PSYC 1001, SOC 201, or SOC 207)			
*Pre-Physical Therapy	Dr. Jim Wetzel (Biology)	BIOL 1150-1150L &CHEM 101-101L	BIOL 1151-1151L, CHEM 102-102L (if completed CHEM 101-101L in fall)			While students are encouraged to take both BIOL 1150-BIOL 1150L and CHEM 101-CHEM 101 together, students in this track may be able to take just one of these during the fall semester and stay on track.
*Pre-Physician Assistant	Dr. Jim Wetzel (Biology)	BIOL 1150-1150L &CHEM 101-101L	BIOL 1151-1151L, CHEM 102-102L (if completed CHEM 101-101L in fall)			While students are encouraged to take both BIOL 1150-BIOL 1150L and CHEM 101-CHEM 101 together, students in this track may be able to take just one of these during the fall semester and stay on track.
*Pre-Veterinary Medicine	Dr. Stuart Gordon (Biology)	BIOL 1150-1150L, CHEM 101-101L	BIOL 1151-1151L, CHEM 102-102L			