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

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Majors/Programs	Department Chair, Director, or Program Advisor (Department)	<u>Required or strongly</u> <u>recommended</u> major/program courses for the <u>fall</u> of the freshman year	<u>Required or strongly</u> <u>recommended</u> major/program courses for the <u>spring</u> of the freshman year	<u>Suggested</u> major/program courses for the <u>fall or</u> <u>spring</u> of the freshman year	Department/program courses appropriate for non-majors	Comments
Art	<u>Prof. Ralph Paquin</u> ( <u>Art)</u>	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	
Biochemistry	<u>Dr. Latha Gearheart</u> (Chemistry and Biochemistry)	CHEM 101-CHEM 101L, BIOL 1150,-BIOL 1150L	CHEM 102-CHEM 102L, BIOL 1151-BIOL 1151L			
Biology	<u>Dr. Stuart Gordon</u> ( <u>Biology)</u> Dr. Mike Rischbieter ( <u>Biology)</u>	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.
<u>Biology-</u> <u>Forestry/Environmen</u> tal Management	<u>Dr. Stuart Gordon</u> ( <u>Biology)-</u> <u>Dr. Mike Rischbieter</u> (Biology	BIOL 1150-BIOL 1150L	BIOL 1151-BIOL 1151L			

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<u>Biology-Pharmacy</u> Concentration	<u>Dr. Stuart Gordon</u> (Biology)	CHEM 101-CHEM 101L, BIOL 1150-BIOL	CHEM 102-CHEM 102L, BIOL 1151-BIOL			
Business Administration- Accounting	Prof. Karen Mattison (Economics and Business Administration)	1150L	1151L	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-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
<u>Business</u> <u>Administration-</u> <u>Management</u>	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	<u>Prof. Karen</u> <u>Mattison</u> (Economics and <u>Business</u> <u>Administration)</u>			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

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<u>Chemistry</u>	Dr. Latha Gearheart (Chemistry and Biochemistry)	CHEM 101-CHEM 101L	CHEM 102-CHEM 102L	Math 201 for the fall and Math 202 for the spring		
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		
<u>Computational</u> 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.
Economics	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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<u>Education-Early</u> <u>Childhood</u>	<u>Dr. Patti Jones</u> (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
<u>Education-</u> <u>Elementary</u>	<u>Dr. Patti Jones</u> (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	<u>Dr. Patti Jones</u> (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.
		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				
<u>ELL (English</u> <u>Language Learner)</u> <u>PK-12</u>	<u>Dr. Patti Jones</u> (Education)	survey course (ENGL 2201, 2203, 2205, or 2207.)		PSYC 1001 Introductory Psychology	EDUC 210	Contact Dr. Patti Jones for information.

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English	<u>Dr. Lynne Simpson</u> (English)	ENGL 1001 OR for those students with AP, IB, or transfer credit for ENGL 1001- 1002, take a foundation course (ENGL 2101) or a survey course (ENGL 2201, 2203, or 2206)	ENGL 1002 OR for those students with AP, IB, or transfer credit for ENGL 1001- 1002, take a foundation course (ENGL 2102) or a survey course (ENGL 2202, 2204, or 2207)	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, 2205, 2206, or 2207).	Courses that count for intercultural credit (with ENGL 1001- 1002 as prerequisites): ENGL 2205, 3371, 3380, or 3520	Students who have fulfilled the 1001/1002 prerequisites should consider a foundation or survey course. If they have an interest in an upper-level course, we recommend they email the professor and have a chat, but as long as they are prepared for the workload, we are happy to have them.
English Communication Studies Concentration	Dr. Lynne Simpson (English)	ENGL 1001 <b>OR</b> for those students with AP, IB, or transfer credit for ENGL 1001, take COMM 2100 or ENGL 1002.	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, or 2103) or a survey course (ENGL 2202, 2204, or 2206.)	For those students with AP, IB, or transfer credit for ENGL 1001-1002, we recommend COMM 2100, COMM 2200, MDST 230, a foundation course (ENGL 2101, 2102, 2103,) or a survey course (ENGL 2201, 2202, 2203, 2204, 2205, 2206, or 2207.)	COMM 2100	Students who have fulfilled the 1001/1002 prerequisites should consider COMM 2100, COMM 2200, a foundation course, or a survey course. If they have an interest in an upper-level course, we recommend they email the professor and have a chat, but as long as they are prepared for the workload, we are happy to have them.
English-CreativeProf. Writing Concentration	<u>Dr. Lynne Simpson</u> (English)	ENGL 1001 <b>OR</b> for those students with AP, IB, or transfer credit for ENGL 1001- 1002, take CRWR 2100 or 2300.	ENGL 1002 <b>OR</b> for those students with AP, IB, or transfer credit for ENGL 1001- 1002, take CRWR 2200.	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 foundation course (ENGL 2101, 2102, or 2103) or a survey course (ENGL 2201, 2202, 2203, 2204, 2206, or 2207.)	CRWR 2100, 2200, 2300, or 2400	If the student has fulfilled the 1001/1002 prerequisites, then we recommend CRWR 2100, 2200, 2300, or 2400. Often, if a student has credit for 1001, they can "dual enroll" in ENGL 1002 and a 2000- level CRWR course. Contact Prof. Robert Stutts about CRWR courses and options.

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EnglishSecondary Education Minor	<u>Dr. Lynne Simpson</u> (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
<u>French</u>	<u>Dr. Sharon Knight</u> ( <u>Modern Foreign</u> 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.
<u>History</u>	<u>Dr. Jackie Sumner</u> ( <u>History)</u>	HIST 1100 or HIST 1101	HIST 1100 or HIST 1101			
HistorySecondary Education Minor	<u>Dr. Jackie Sumner</u> ( <u>History)</u>	HIST 1100 or HIST 1101	HIST 1100 or HIST 1101			
International Studies	<u>Dr. Patrick Kiley</u> (Modern Foreign Languages)	FREN 2002, SPAN 2002, or CHIN 202 or above for core requirements				

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<u>Mathematics</u>	<u>Dr. Doug Daniel</u> (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
<u>Minor</u>	(Mathematics)	Mathematics majors	Mathematics majors	Mathematics majors	Math 202	trigonometry.
Medical Physics	<u>Dr. Eli Owens</u> (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		
<u>Military Science</u> <u>Program</u>	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
<u>Modern Foreign</u> Languages	<u>Dr. Sharon Knight</u> (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 <i>See</i> <i>comments</i>	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]
<u>Physics</u>	<u>Dr. Eli Owens</u> (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	PHYS 2000 for Biology majors before they take PHYS 1500	
Physics-Dual Degree Engineering	<u>Dr. Eli Owens</u> (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		

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	(Department)	the neshinan year	iresiinan year	inesiinan year		comments
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. <u>Only strong</u> <u>first-year students tend to be successful</u> <u>in this course</u> , so advisors should work with advisees to determine if the spring in the first- or sophomore year is most appropriate.
<u>Pre-Theological</u> <u>Program</u>	<u>Dr. Craig</u> <u>Vondergeest</u> (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>	<u>Dr. Kate Anderson</u> (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.
<u>Religion and</u> 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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<u>Religion and</u> <u>Philosophy-Christian</u> <u>Studies Concentration</u>	<u>Dr. Craig</u> <u>Vondergeest</u> ( <u>Religion and</u> <u>Philosophy)</u>	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	<u>Dr. Craig</u> <u>Vondergeest</u> (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	
<u>Religion-Leadership,</u> <u>Service and Ministry</u>	<u>Dr. Craig</u> <u>Vondergeest</u> <u>(Religion and</u> <u>Philosophy)</u>	RELG 200	PHIL 301 or 309, or RELG 202, 203, 210, 212 or 215	Any 200-level course	Any 200-level course	
<u>Sociology</u>	<u>Dr. Carla Alphonso</u> (Sociology)	SOC 201	SOC 201	SOC 201	SOC 201, SOC 206	

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

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<u>*Pre-Optometry</u>	<u>Dr. Mike Rischbieter</u> ( <u>Biology)</u>	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/info rmation-about-schools-colleges/school- college-prerequisites
<u>*Pre-Pharmacy</u> (Suggested Course Schedule for Completion of Pre- Pharmacy Coursework in 2 + Years)	<u>Dr. Mike</u> <u>Rischbieter, Pre-</u> <u>Pharmacy advisor</u> ( <u>Biology)</u>	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)			
<u>*Pre-Physical</u> <u>Therapy</u>	<u>Dr. Jim Wetzel</u> ( <u>Biology)</u>	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.
<u>*Pre-Physician</u> <u>Assistant</u>	<u>Dr. Jim Wetzel</u> (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.
<u>*Pre-Veterinary</u> <u>Medicine</u>	<u>Dr. Stuart Gordon</u> ( <u>Biology)</u>	BIOL 1150-1150L, CHEM 101-101L	BIOL 1151-1151L, CHEM 102-102L			