

# CURRICULAR GUIDES

The four semester curricular guides listed below provide suggested course choices for various majors. These guides are provided for general information only. In many cases the sequence of classes or credit loads a student follows may vary from what is listed. **Actual requirements for each major may also vary according to your intended university of transfer.** If pursuing the Associate of Arts and Science (AAS) degree in conjunction with any major please note the requirements for the AAS degree program. **Be sure to consult university catalogs, websites, and/or your advisor for more detailed information regarding university and major requirements.** Detailed academic requirements for various majors throughout the UW System are also available through the Transfer Information System website ([www.uwsa.edu/tis/](http://www.uwsa.edu/tis/)) in the “Transfer Guides and Agreements” section.

## Abbreviation Key

Associate of Arts and Science/General Education

AP Application and Performance	LS Lab Science
EL Elective	MS Mathematical Science
FA Fine Arts	NS Natural Science
HU Humanities	SS Social Science

### ASSOCIATE OF ARTS AND SCIENCES

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT108/110 Survey of Math/College Alg.	3
MAT 105 Intro to College Algebra	3	SS	3
SS	3	NS(LS)	3-5
HU/FA	3	HU/FA	3
AP/EL	3	SS/HU/FA/AP/EL	1-3
<u>Semester 3</u>		<u>Semester 4</u>	
NS/MS	3-5	NS/MS	3-5
SS/HU/FA/AP	3	SS/HU/FA	3
SS	3	SS/HU/FA/AP	3
SS/HU/FA/AP/EL	3-6	SS/HU/FA/AP/EL	3-6

Note: Include one Ethnic Studies (ES) and one Interdisciplinary Studies (IS) course (which may also count towards another breadth area) and meet all credit and grade requirements as specified in the UW Colleges catalog or the UW Baraboo/Sauk County Timetable of Classes.

### BUSINESS

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT 211 Calculus **	5
MAT 110 College Algebra	3	HU/FA/SS/EL	3
CPS 106 & 107 & 108	3	HU/FA/SS/AP/EL	3
CPS 103 Computer Fundamentals *	1	NS/HU/FA/SS	3-6
NS/SS/HU	3-6		
<u>Semester 3</u>		<u>Semester 4</u>	
BUS 201 Intro Accounting	4	BUS 204 Managerial Accounting	3
ECO 203 Macroeconomics	3	ECO 204 Microeconomics	3
MAT 210 Finite Mathematics **	3	BUS 243 Business Statistics	3
HU/FA/SS/EL	3	BUS 210 Business Commun. (optional)	3
HU/FA/SS/AP/EL	3	NS/SS/HU/FA	3

\* Required for UW Green Bay; UW Madison; UW Milwaukee; UW Stevens Point; UW Whitewater

\*\* Some Business majors may require MAT 221/222 in lieu of MAT 210/211

## COMPUTER SCIENCE

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT 113 Trigonometry	2
MAT 110 College Algebra	3	CPS 217 Computer Science I	4
CPS 110 Intro to Computer Science	3	NS/SS/HU/FA/AP	3
MS/SS/HU/FA/AP	3	MS/SS/HU/FA/AP	3
NS/MS/SS/HU/FA/AP/EL	1-6	NS/MS/SS/HU/FA/AP/EL	1-6
<u>Semester 3</u>		<u>Semester 4</u>	
MAT 221 Calculus I	5	MAT 222 Calculus II	5
CPS 260/270	3	CPS 260/270	3
MS/SS/HU/FA/AP	3	MS/SS/HU/FA/AP	3
NS/MS/SS/HU/FA/AP/EL	1-6	NS/MS/SS/HU/FA/AP/EL	1-6

## EDUCATION (ELEMENTARY)

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT 108/110 *	3
MAT 105 Intro to College Algebra	3	COM 103 Public Speaking	3
POL 104 American Government	3	PSY 202 Intro to Psychology	3
POL 105 State and Local Government *	1	HIS 102/162 U.S./Western Civilization **	3
HIS 101/161 U.S./Western Civilization **	3	NS(LS)	3-5
HU/FA	3		
<u>Semester 3</u>		<u>Semester 4</u>	
PSY 360 Child Psychology	3	MAT 130 Math for Elem. Edu. Majors	4
NS(LS)	4-5	BIO 103/GEO 350 **	3
CPS 106/107/108	3	SOC 234	3
SS/HU/FA/AP	3-6	SS/HU/FA/AP	3-6

\* POL 105 required for some Schools of Education (eg. UW Stevens Point). Consult with an advisor

\*\* Consult with an advisor to determine what is required for your intended university of transfer.

Note: Requirements for elementary education majors vary according to transfer institution. In some cases transfer may be recommended after earning @ 45 credits. In some cases EDU 300 or 330 may be taken prior to transfer. Be sure to consult with an advisor when planning your academic program.

## EDUCATION (SECONDARY)

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT 108/110 *	3
MAT 105 Intro to College Algebra	3	COM 103 Public Speaking	3
POL 104 American Government	3	PSY 202 Intro to Psychology	3
POL 105 State and Local Government *	1	HIS 102/162 U.S./Western Civilization **	3
HIS 101/161 U.S./Western Civilization **	3	NS(LS)	3-5
HU/FA	3		
<u>Semester 3</u>		<u>Semester 4</u>	
PSY 360 Child Psychology	3	BIO 103/GEO 350 **	3
NS(LS)	4-5	SOC 234 Race and Ethnicity	3
CPS 106/107/108	3	NS/MS/SS/HU/FA	3-6
SS/HU/FA/AP	3-6	SS/HU/FA/AP	3-6

\* POL 105 required only for some Schools of Education (eg. UW Stevens Point). Consult with an advisor.

\*\* Consult with an advisor to determine what is required for your intended school of transfer.

Note: Requirements for elementary education majors vary according to transfer institution. In some cases transfer may be recommended after earning @ 45 credits. In some cases EDU 300 or 330 may be taken prior to transfer. Be sure to consult an advisor when planning your academic program.

## ENGINEERING (CIVIL)

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT 221 Calculus I	5
MAT 110 College Algebra	3	ECO 204 Microeconomics	3
MAT 113 Trigonometry	2	SU/HU/FA *	3
CHE 145 General Chemistry	5	CHE 155 General Chemistry	5
SS/HU/FA *	3	EGR 100 Engineering Orientation **	1
<u>Semester 3</u>		<u>Semester 4</u>	
MAT 222 Calculus II	5	MAT 223 Calculus III	5
PHY 201 General Physics	5	PHY 202 General Physics	5
MEC 201 Statics **	3	MEC 202 Dynamics **	3
EGR 282 Engineering Economics **	3	CPS 217 Computer Science I	4

\* Include one Ethnic Studies course that is also SS, HU, or FA

\*\* Required for UW Milwaukee or UW Platteville and some Engineering programs at UW Madison

## ENGINEERING (ELECTRICAL)

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT 221 Calculus I	5
MAT 110 College Algebra	3	ECO 204 Microeconomics	3
MAT 113 Trigonometry	2	SU/HU/FA *	3
CHE 145 General Chemistry	5	CHE 155 General Chemistry **	5
SS/HU/FA *	3	EGR 100 **	1
<u>Semester 3</u>		<u>Semester 4</u>	
MAT 222	5	MAT 223 Calculus III	5
PHY 201	5	PHY 202 General Physics	5
MEC 201 Statics **	3	MEC 202 Dynamics	3
EGR 282 Engineering Economics **	3	CPS 217 Computer Science I	4

\* Include one Ethnic Studies course that is also SS, HU or FA

\*\* Required for UW Milwaukee or UW Platteville and some Engineering programs at UW Madison.

## ENGINEERING (MECHANICAL)

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT 221 Calculus I	5
MAT 110 College Algebra	3	SS *	3
MAT 113 Trigonometry	2	SU/HU/FA *	3
CHE 145 General Chemistry	5	CHE 155 General Chemistry	5
SS/HU/FA *	3	EGR 100 Engineering Orientation **	1
<u>Semester 3</u>		<u>Semester 4</u>	
MAT 222 Calculus II	5	MAT 223 Calculus III	5
PHY 201 General Physics	5	PHY 202 General Physics	5
MEC 201 Statics **	3	MEC 202 Dynamics **	3
EGR 282 Engineering Economics **	3	CPS 217 Computer Science I	4

\* Include one Ethnic Studies course that is also SS, HU or FA

\*\* Required for UW Milwaukee or UW Platteville and some Engineering programs at UW Madison

**MEDICINE-PRE (not a major, but includes courses required to enter Medical School)**

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	HU	3
MAT 110 College Algebra	3	MAT 113 Trigonometry	2
PHY 141 Physics or CHE 145 Gen. Chem.	5	PHY 142 Physics or CHE 155 Gen. Chem.	5
MAT 117 Statistics *	3	SS/HU/FA/AP	3
SS/HU/FA ***	3	SS/HU/FA/AP/EL	1-3
 <u>Semester 3</u>		 <u>Semester 4</u>	
PHY 141 Physics or CHE 145 Gen. Chem.	5	PHY 142 Physics or CHE 155 Gen. Chem.	5
CHE 343 Organic Chemistry **	3	CHE 363 Intermed. Organic Chem. **	3
MAT 221 Calculus I	5	SS/HU	3
SS/HU/FA/AP/EL ***	3	SS/HU/FA/AP/EL	3-6

\* Recommended for UW Madison

\*\* May take if CHE 145/155 already completed

\*\*\* ZOO 101 Introduction to Zoology may also be taken prior to transfer

**MUSIC**

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT 108/110	3
MAT 105 Intro College Algebra	3	MUS 172 Music Theory II	3
MUS 171 Music Theory I	3	MUS 182 Aural Skills II	2
MUS 181 Aural Skills I	2	MUS xxx Music Applied	2-4
MUA xxx Music Applied	2-4	SS/HU/FA	3
SS/HU/FA	3	NS(LS)	3-5
 <u>Semester 3</u>		 <u>Semester 4</u>	
MUS 271 Music Theory III	3	MUS 272 Music Theory IV	3
MUS 282 Aural Skills III	2	MUS 282 Aural Skills IV	2
MUA xxx Music Applied	2-4	MUA xxx Music Applied	2-4
NS/SS/HU/FA	3-9	NS/SS/SU/FA	3-9

**NURSING**

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	CHE 125 Introductory Chemistry	5
MAT 110 College Algebra	3	PSY 202 Intro to Psychology	3
BAC 101/ZOO 101 *	5	HU/FA	3
SOC 101	3	SS/HU/FA/AP	3
HU/FA	3	SS/HU/FA/AP/EL	1-3
 <u>Semester 3</u>		 <u>Semester 4</u>	
PHS 202 Anatomy and Physiology	4	PHS 203 Anatomy and Physiology	4
PSY 360 Child Psychology **	3	PSY 250/SS **	3
MAT 117 Psychological Statistics	3	SS/HU/FA/AP/EL	3
SS/HU/FA/AP/EL	3-6	SS/HU/FA/AP/EL	3-6

\* For some universities CHE 203 may be taken in lieu of BAC 101. ZOO 101 not required for UW Madison.

\*\* One of PSY 250 or 360 required. Consult with an advisor.

## ORGANIZATIONAL ADMINISTRATION

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	ENG 210 Business Communication	3
MAT 110 College Algebra	3	MAT 211 Calculus	5
ECO 203 Macroeconomics	3	ECO 204 Microeconomics	3
COM 103 Public Speaking	3	SOC 101 Intro to Sociology	3
HU/FA	3	HU/FA	3
<u>Semester 3</u>		<u>Semester 4</u>	
BUS 201 Intro Accounting	4	BUS 230 Intro to MIS	3
COM 101 Interpersonal Communication	3	NS	3-5
NS(LS)	4-5	SS/HU/FA/AP	3
SS/HU/FA/AP	3-6	SS/HU/FA/AP	3-6

Note: Recommend earning Associate of Arts and Science (AAS) degree. Include one Ethnic Studies and one Interdisciplinary Studies course among breadth choices if earning AAS degree. Junior/Senior level courses for this UW Milwaukee degree program may be completed locally via distance education.

## PHARMACY-PRE (not a major, but includes courses required to enter Pharmacy School)

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT 113 Trigonometry	2
MAT 110 College Algebra	3	PSY 202 Psych. or COM 101 Inter. Comm.	3
PHY 141 Physics or CHE 145 Gen. Chem.	5	PHY 142 Physics or CHE 155 Gen. Chem.	5
PSY 202 Psych. or COM 101 Inter. Comm.	3	SOC 101 Sociology or ANT 200 Cult. Ant.	3
HIS xxx	3	SS/HU/FA/AP/EL	3
<u>Semester 3</u>		<u>Semester 4</u>	
PHY 141 Physics or CHE 145 Gen. Chem.	5	PHY 142 Physics or CHE 155 Gen. Chem.	5
MAT 221 Calculus I	5	ECO 204 Microeconomics	3
NS/SS/HU *	3	NS/SS/HU *	3
NS/SS/HU/FA/AP/EL *	3-5	NS/SS/HU/FA/AP/EL *	5-6

\* May consider CHE 343/363 if CHE 145/155 already taken  
May consider ZOO 101 Introduction to Zoology and BOT 130 General Botany

## PSYCHOLOGY

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT 108/110	3
MAT 105 Intro to College Algebra	3	PSY 202 Intro to Psychology	3
SS	3	NS(LS)	3-5
HU/FA	3	HU/FA	3
AP/EL	3	SS/AP/EL	1-3
<u>Semester 3</u>		<u>Semester 4</u>	
NS(LS)/SS/HU/FA	3-6	NS//SS/HU/FA	3-6
PSY 210 Psychological Statistics	3	PSY 309 Abnormal Psychology	3
PSY 360 Child Development	3	SS/HU/FA	3
SS/HU/FA/AP/EL	3-6	SS/HU/FA/AP/EL	3-6

Note: Chemistry and Biology recommended as science course choices

## RESOURCE MANAGEMENT

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT 113 Trigonometry	3
MAT 110 College Algebra	3	BIO 103/GEO 350	3
CHE 145 General Chemistry	5	CHE 155 General Chemistry	5
SS/HU/FA	3	SS/HU/FA *	3
SS/HU/FA/EL	1-3	SS/HU/FA/EL	1-3
<u>Semester 3</u>		<u>Semester 4</u>	
ZOO 101 Zoology	5	BOT 130 General Botany	5
ECO 203 Macroeconomics	3	COM 101/103 *	3
MAT 117 Elementary Statistics	3	MAT 211 Calculus	5
SS/HU/FA/AP/EL	3-6	SS/HU/FA/AP/EL	3

\* Recommend HIS 102 for UW Stevens Point

\*\* COM 101 for UW Madison; COM 103 for UW Stevens Point

Note: NAT 250 recommended if available.

## VETERINARY MEDICINE-PRE (not a major, but includes courses required to enter Vet. Medicine School)

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	ENG 203 Creative Writing	3
MAT 110 College Algebra	3	MAT 113 Trigonometry or SS/HU/FA	2-3
CHE 145 General Chemistry	5	CHE 155 General Chemistry	5
PHY 141 Physics	5	PHY 142 Physics	5
<u>Semester 3</u>		<u>Semester 4</u>	
ZOO 101 Introduction to Zoology	5	If following this sequence of classes/credits then recommend transfer to UW Madison for fourth semester to take the following courses not available at UW Baraboo/Sauk County...	
CHE 343 Organic Chem.	3	Biochemistry; Genetics; Other sciences	
MAT 117 Statistics	3		
SS/HU/FA/ES	6		

Note: School of Veterinary Medicine recommends a 16 or greater semester credit load and additional science classes.

## WILDLIFE

<u>Semester 1</u>	<u>Cr</u>	<u>Semester 2</u>	<u>Cr</u>
ENG 102 Composition II	3	MAT 113 Trigonometry	3
MAT 110 College Algebra	3	BIO 103/GEO 350	3
CHE 145 General Chemistry	5	CHE 155 General Chemistry *	5
SS/HU/FA	3	SS/HU/FA **	3
SS/HU/FA/EL	1-3	SS/HU/FA/EL	1-3
<u>Semester 3</u>		<u>Semester 4</u>	
ZOO 101 Zoology	5	BOT 130 General Botany	5
ECO 203 Macroeconomics	3	COM 101/103 ***	3
MAT 117 Elementary Statistics	3	MAT 211 Calculus	5
SS/HU/FA/AP/EL	3-6	SS/HU/FA/AP/EL	3

\* Not required for UW Stevens Point Wildlife major, but may be required for other Natural Resource programs.

\*\* Recommend HIS 102 for UW Stevens Point

\*\*\* COM 101 for UW Madison; COM 103 for UW Stevens Point

Note: NAT 250 recommended if available.