

Two Year Course Rotation: Science				
BIOLOGY	Spring 2017	Fall 2017	Spring 2018	Fall 2018
	BI55- Preparation for Allied Health	BI55- Preparation for Allied Health	BI55- Preparation for Allied Health	BI55 Preparation for Allied Health
	<i>BI100 Fundamental Concepts of Biology</i>	<i>BI100 Fundamental Concepts of Biology</i>	<i>BI100 Fundamental Concepts of Biology</i>	<i>BI100 Fundamental Concepts of Biology</i>
	<b>BI101 General Biology I</b>	<b>BI101 General Biology I</b>	<b>BI101 General Biology I</b>	<b>BI101 General Biology I</b>
	<b>BI102 General Biology II</b>	<b>BI102 General Biology II</b>	<b>BI102 General Biology II</b>	<b>BI102 General Biology II</b>
	<b>BI103 Anatomy and Physiology I</b>	<b>BI103 Anatomy and Physiology I</b>	<b>BI103 Anatomy and Physiology I</b>	<b>BI103 Anatomy and Physiology I</b>
	<b>BI104 Anatomy and Physiology II</b>	<b>BI104 Anatomy and Physiology II</b>	<b>BI104 Anatomy and Physiology II</b>	<b>BI104 Anatomy and Physiology II</b>
	BI107 Human Biology	<i>BI117 Study the Human Body</i>	BI107 Human Biology	<i>BI117 Study the Human Body</i>
	<i>BI117 Study the Human Body</i>	<b>BI120 Microbiology for Allied Health</b>	<i>BI117 Study the Human Body</i>	<b>BI120 Microbiology for Allied Health</b>
	<b>BI120 Microbiology for Allied Health</b>	<i>BI130 Forensic Biology</i>	<b>BI120 Microbiology for Allied Health</b>	<i>BI130 Forensic Biology</i>
	<i>BI130 Forensic Biology</i>	<i>BI140 Biotechnology and Society*</i>	<i>BI130 Forensic Biology</i>	<i>BI140 Biotechnology and Society*</i>
	<i>BI140 Biotechnology and Society*</i>	<i>BI201 General Ecology</i>	<i>BI140 Biotechnology and Society*</i>	<i>BI201 General Ecology</i>
	<i>BI201 General Ecology</i>	<i>BI202 Human Ecology</i>	<i>BI201 General Ecology</i>	<i>BI202 Human Ecology</i>
	<i>BI202 Human Ecology</i>	<b>BI203 Elements of Microbiology</b>	<i>BI202 Human Ecology</i>	<b>BI203 Elements of Microbiology</b>
	BI220 Cell Biology and Tissue Culture*	BI220 Cell Biology and Tissue Culture*	BI220 Cell Biology and Tissue Culture*	BI220 Cell Biology and Tissue Culture*
	<b>BI240 Genetics</b>		<b>BI240 Genetics</b>	IS900H Biology Honors
	BI 104H Anatomy & Physiology	IS900H Biology Honors	BI 104H Anatomy & Physiology	
	IS900H Biology Honors		IS900H Biology Honors	

**Bold**= Required course for a degree  
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\*BI140 & BI220- required for Certificate in Bioprocessing Technology

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	Spring 2017	Fall 2017	Spring 2018	Fall 2018
<b>BPM</b>	<b>BPM102 Bioprocessing Environment</b>	<b>BPM102 Bioprocessing Environment</b>	<b>BPM102 Bioprocessing Environment</b>	<b>BPM102 Bioprocessing Environment</b>
	<b>BPM103 Laboratory Techniques I</b>	<b>BPM103 Laboratory Techniques I</b>	<b>BPM103 Laboratory Techniques I</b>	<b>BPM103 Laboratory Techniques I</b>
	<b>BPM110 Bioprocessing Measurements</b>	<b>BPM110 Bioprocessing Measurements</b>	<b>BPM110 Bioprocessing Measurements</b>	<b>BPM110 Bioprocessing Measurements</b>
	<b>BPM214 Techniques in Bioproduction</b>	<b>BPM214 Techniques in Bioproduction</b>	<b>BPM214 Techniques in Bioproduction</b>	<b>BPM214 Techniques in Bioproduction</b>

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	Spring 2017	Fall 2017	Spring 2018	Fall 2018
<b>CHEMISTRY</b>	<i>CH100 Chemistry and Society</i>	<i>CH100 Chemistry and Society</i>	<i>CH100 Chemistry and Society</i>	<i>CH100 Chemistry and Society</i>
	<b>CH101 General Chemistry I</b>	<b>CH101 General Chemistry I</b>	<b>CH101 General Chemistry I</b>	<b>CH101 General Chemistry I</b>
	<b>CH102 General Chemistry II</b>	<b>CH102 General Chemistry II</b>	<b>CH102 General Chemistry II</b>	<b>CH102 General Chemistry II</b>
	<b>CH201 Organic Chemistry</b>	<b>CH201 Organic Chemistry</b>	<b>CH201 Organic Chemistry</b>	<b>CH201 Organic Chemistry</b>
	<b>CH202 Organic Chemistry</b>	<b>CH202 Organic Chemistry</b>	<b>CH202 Organic Chemistry</b>	<b>CH202 Organic Chemistry</b>

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Note: CH105 (Essentials of Organic Chemistry) is required but is not listed here

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	Spring 2017	Fall 2017	Spring 2018	Fall 2018
<b>ENGINEERING</b>	<b>EG100 Introductory Engineering Science</b>	<b>EG100 Introductory Engineering Science</b>	<b>EG100 Introductory Engineering Science</b>	<b>EG100 Introductory Engineering Science</b>
	<b>EG210 Mechanics of Materials</b>	<b>EG110 Engineering Statics</b>	<b>EG210 Mechanics of Materials</b>	<b>EG110 Engineering Statics</b>
	<b>EG211 Engineering Dynamics</b>		<b>EG211 Engineering Dynamics</b>	

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Note: EG214 (Engineering Thermodynamics) is required but not included here.

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<b>PHYSICAL SCIENCE</b>	<i>PC103 Elements of Physical Science</i>	<i>PC103 Elements of Physical Science</i>	<i>PC103 Elements of Physical Science</i>	<i>PC103 Elements of Physical Science</i>
	<i>PC104 The Water Planet: Intro. to Oceanography</i>	<i>PC104 The Water Planet: Intro. to Oceanography</i>	<i>PC104 The Water Planet: Intro. to Oceanography</i>	<i>PC104 The Water Planet: Intro. to Oceanography</i>
	<i>PC105 Intro to Science of Weather</i>	<i>PC105 Intro to Science of Weather</i>	<i>PC105 Intro to Science of Weather</i>	<i>PC105 Intro to Science of Weather</i>
	<i>PC106 Intro to Meteorology</i>	<i>PC106 Intro to Meteorology</i>	<i>PC106 Intro to Meteorology</i>	<i>PC106 Intro to Meteorology</i>
	<i>PC107 Introductory Astronomy*</i>	<i>PC107 Introductory Astronomy*</i>	<i>PC107 Introductory Astronomy*</i>	<i>PC107 Introductory Astronomy*</i>
	<i>PC108 Historical Geology</i>	<i>PC108 Historical Geology</i>	<i>PC108 Historical Geology</i>	<i>PC108 Historical Geology</i>
	<i>PC114 Contemporary Physical Science</i>	<i>PC109 Physical Geology*</i>	<i>PC114 Contemporary Physical Science</i>	<i>PC109 Physical Geology*</i>
	<i>PC115 Intro to Geoscience</i>	<i>PC114 Contemporary Physical Science*</i>	<i>PC115 Intro to Geoscience</i>	<i>PC114 Contemporary Physical Science*</i>
	<i>PC121 Energy and Society</i>	<i>PC115 Intro to Geoscience*</i>	<i>PC121 Energy and Society</i>	<i>PC115 Intro to Geoscience*</i>
	<b>IS910H Physical Science Honors</b>	<b>PC104H The Water Planet</b>	<b>IS910H Physical Science Honors</b>	<b>PC104H The Water Planet</b>
	<b>IS910H Physical Science Honors</b>		<b>IS910H Physical Science Honors</b>	

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**PC114 & PC115- requirements for AAT in Teaching Elementary Education**  
**PC114 or PC115, PC107& PC109- requirements for AAT in Teaching Early Childhood Education**

Two Year Course Rotation: Science				
	Spring 2017	Fall 2017	Spring 2018	Fall 2018
<b>PHYSICS</b>	<b>PY101 Survey of Physics</b>	<b>PY201 Fundamentals of Physics</b>	<b>PY101 Survey of Physics</b>	<b>PY201 Fundamentals of Physics</b>
	<i>PY202 Fundamentals of Physics</i>	<i>PY203 Introductory Physics I</i>	<i>PY202 Fundamentals of Physics</i>	<i>PY203 Introductory Physics I</i>
	<i>PY203 Introductory Physics I</i>	<i>PY204 Introductory Physics II</i>	<i>PY203 Introductory Physics I</i>	<i>PY204 Introductory Physics II</i>
	<i>PY204 Introductory Physics II</i>		<i>PY204 Introductory Physics II</i>	

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Note: PY205 (Modern Physics) is required but not listed here.