B.S. Natural Sciences Checklist

Biology Concentration

2018–2019 Catalog

Name: ___________________________ ID Number: ___________________________

**General Education Program (40 hrs.)**

**English Composition (6 hrs.)**

- ENGL1101 Discourse & Comp (A) ..........3 __
- ENGL1102 Discourse & Comp (B) .........3 __
- ENGL1105 Comp and Argumentation ......3 __

**Quantitative Reasoning (3 hrs. min.)**

The Quantitative Reasoning component of the GEP will be met within this degree program.

**Human Behavior (3 hrs. min.)**

- ANTH2250 Prin. of Cultural Anthro ...3 __
- ANTH2350 Biological Anthropology ...3 __
- ANTH2530 World Prehistory and Archaeology ..................3 __
- ECON2201 Prin. of Microeconomics ...3 __
- ECON2202 Prin. of Macroeconomics ...3 __
- POLS1010 Intro. to Political Science ...3 __
- PSYC1110 Intro. to Psychology ........3 __
- SOCI1101 Intro. to Sociology ...........3 __
- SOCS1110 Foundations of Soc. Sci ..3 __

**Fine & Performing Arts (3 hrs. min.)**

- ARTH1101 Intro. to Art ..................3 __
- ENGL2275 American Film History ....3 __
- MUSI2101 Music Appreciation .........3 __
- MUSI2211 Music History 1 .............3 __
- THAR1100 Intro. to Theater ...........3 __

**Oral Comm. (3 hrs. min.)**

The Oral Communications component of the GEP will be met within this degree program.

**Engaged Citizenry (3 hrs. min.)**

- ARTH4345 History of American Art ...3 __
- ECON1103 Foundations of Pol. Econ..3 __
- EDUC2245 Understanding Cultural Diversity (WI) ..........3 __
- HIST1330 Amer. History to 1865 ......3 __
- HIST1340 Amer. History since 1865 ....3 __
- HUMA2226 Studies in American Cultural History & Lit. (WI) ..........3 __
- PHIL3360 Social & Pol. Philosophy ....3 __
- POLS1110 National Government .......3 __
- POLS1310 Intro to Political Theory ....3 __
- SOCS2210 Intro to Asian Amer. Studies (WI) ........3 __

**Global Perspectives (3 hrs. min.)**

- ARTH4346 20th Century Art .............3 __
- ENGL3334 Comparative Queer Theory and Lit. (WI) .................3 __

ENGL3348 Comparative Feminist Lit. and Theory (WI) ........3 __
GEOG1125 World Geography .............3 __
GEOG2201 Cultural Geography ..........3 __
HIST2440 World History II ............3 __
HIST2540 Intro. to the Middle East: Hist., Peoples, and Culture 3 __
HIST3400 History of Hinduism ..........3 __
HIST3410 East Asian History ..........3 __
HIST3414 Asia: History and Culture (WI) ..................3 __
HIST3420 Aum & Crescent: Islamic Crusades in India ........3 __
HIST3500 History of Southern Africa (WI) ........3 __
HIST3550 Islam: Religion, Politics, & Soc. ....3 __
HUMA2227 Influential Works in Global Transn. Cultures (WI) ......3 __
POLS1210 Intro. to Comparative Pol. ....3 __
POLS1410 Intro. to International Relations ........3 __
POLS3410 International Pol. Economy (WI) ........3 __
RELI3300 Judaism, Christianity, & Islam ................3 __

**Historical Perspectives (3 hrs. min.)**

- ARTH3366 Non-Western Arts Survey ....3 __
- ENGL2205 Intro to Women’s Studies ..3 __
- HIST2102 Medieval and Renaissance Europe ..................3 __
- HIST2103 Revolutionary Europe (AD1517–AD1921) ........3 __
- HIST2223 Anc. Hist. of the N. East ....3 __
- HIST2430 World History I .............3 __
- HIST3140 Europe and the Rise of the Modern World System ........3 __
- HIST3300 Christianity in Early America (WI) ..............3 __
- HIST3355 Ohio River Valley Hist. (WI) ..........3 __
- HIST3430 Anc. Indian Cult./Soci. ......3 __
- HIST3510 History of Islam: 7th through the 15th Century (WI) ....3 __
- HIST3520 Hist. of the Crusades: The Crescent & the Cross (WI) ....3 __
- HUMA2225 Foundational Texts in Western Cultural History (WI) ....3 __
- PHIL1200 Intro. to Philosophy ..........3 __
- PHIL2284 Asian Philosophy (WI) ..........3 __
- RELI2230 Hist. of Christian Thought ....3 __

**Literature (3 hrs. min.)**

- ENGL2200 Intro. to Lit. (WI) ..........3 __
- ENGL2211 Survey of Eng. Lit. 1 (WI) ....3 __

ENGL2212 Survey of Eng. Lit. 2 (WI) ....3 __
ENGL2247 World Lit. (WI) .............3 __
ENGL2251 Survey of Amer. Lit. 1 (WI) ....3 __
ENGL2252 Survey of Amer. Lit. 2 (WI) ....3 __

**Ethical Insight & Reasoning (3 hrs. min.)**

- PHIL2320 Ethics (WI) .................3 __
- HIST2474 Peace & Justice: Hist., Theory & Practice of Non-Violence ....3 __
- HIST3432 Gandhi & Mod. India (WI) ....3 __

**Natural Sciences (7 hrs.)**

The Natural Sciences component of the GEP will be met within this degree program.

**Writing Intensive (WI) Two Courses Required (can also include WI GEP courses)**

- HIST3400 Arab-Israeli Conflict ........3 __
- HIST4420 Middle East in Mod. Times ....3 __
- POLS3130 National Policy Issue .......3 __
- PSYC2121 Experimental Psychology ....3 __
- PSYC3110 Psych. Tests & Measures ....3 __
- PSYC3111 Learning and Memory ......3 __
- PSYC3145 Positive Psychology ........3 __
- PSYC3170 History of Psychology ....3 __
- PSYC4151 Evolutionary Psychology ....3 __
- PSYC4160 Behav. Prob. in Children ....3 __
- SOCI2205 Current Social Problems ....3 __
- SOCI4410 Social Stratification .........3 __
- SOCI4444 Social Deviance ............3 __

**Capstone (3 hrs. min.)**

- BIOL4771 Biotechnology ..............4 __
- IDST4490 Senior Seminar ............3 __

**First Year Experience (1 hr. min.)**

- UNIV1100 First Year Experience, Univ. Fds. ..........1 __
- HONR1101 Introduction to Honors .......2 __

Checklist continued on reverse side.
### Natural Sciences Curriculum

#### Biology Requirements (11-12 hrs.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL1151</td>
<td>General Biology 1</td>
<td>4</td>
</tr>
<tr>
<td>BIOL1152</td>
<td>General Biology 2</td>
<td>4</td>
</tr>
<tr>
<td>BIOL3770</td>
<td>Genetics and Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>BIOL3850</td>
<td>Ecology</td>
</tr>
<tr>
<td>or</td>
<td>BIOL4770</td>
<td>Cell Biology</td>
</tr>
</tbody>
</table>

#### Biology Electives (16-17 hrs.)

Any biology courses numbered 2000 or higher. Sixteen hours must be at 3000 or above, with at least 4 of these at 4000 or above.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>