### Analytical Reasoning: 6 Credits

**Option 1:** Take 6 credits of college math from List A  
**Option 2:** Take 3 credits of college math from List A and 3 credits from List B

#### Analytical Reasoning—List A

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 13000</td>
<td>Math for Elem Teachers I</td>
</tr>
<tr>
<td>MATH 13100</td>
<td>Math for Elem Teachers II</td>
</tr>
<tr>
<td>MATH 13200</td>
<td>Math for Elem Teachers III</td>
</tr>
<tr>
<td>MATH 13600</td>
<td>Math for Elementary Teachers</td>
</tr>
<tr>
<td>MATH 15300</td>
<td>College Algebra</td>
</tr>
<tr>
<td>MATH 15400</td>
<td>Trigonometry</td>
</tr>
<tr>
<td>MATH 15900</td>
<td>Precalculus</td>
</tr>
<tr>
<td>MATH 16500</td>
<td>Analytic Geometry and Calculus I</td>
</tr>
<tr>
<td>MATH 16600</td>
<td>Analytic Geometry and Calculus II</td>
</tr>
<tr>
<td>MATH 22100</td>
<td>Calculus for Tech 1</td>
</tr>
<tr>
<td>MATH 22200</td>
<td>Calculus for Tech 2</td>
</tr>
<tr>
<td>MATH 23100</td>
<td>Calculus for the Life Sci 1</td>
</tr>
<tr>
<td>MATH 23200</td>
<td>Calculus for the Life Sci 2</td>
</tr>
<tr>
<td>MATH-M 118</td>
<td>Finite Mathematics</td>
</tr>
<tr>
<td>MATH-S 165</td>
<td>Honors Analytic Geom &amp; Calc I</td>
</tr>
<tr>
<td>MATH-S 166</td>
<td>Honors Analytic Geom &amp; Calc II</td>
</tr>
</tbody>
</table>

#### Analytical Reasoning—List B

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>CIT 12000</td>
<td>Quantitative Analysis I</td>
</tr>
<tr>
<td>CSCI 23000</td>
<td>Computing I</td>
</tr>
<tr>
<td>CSCI-N 200</td>
<td>Principles of Computer Science</td>
</tr>
<tr>
<td>CSCI-N 201</td>
<td>Programming Concepts</td>
</tr>
<tr>
<td>CSCI-N 207</td>
<td>Data Analysis Using Spreadsheets</td>
</tr>
<tr>
<td>CSCI-N 211</td>
<td>Introduction to Databases</td>
</tr>
<tr>
<td>ECE 26100</td>
<td>Engineering Programming Lab</td>
</tr>
<tr>
<td>ECON-E 270</td>
<td>Intro to Stat Thry Econ &amp; Bus</td>
</tr>
<tr>
<td>ENGR 19700</td>
<td>Intro to Programming Concepts</td>
</tr>
<tr>
<td>HIM-M 200</td>
<td>Database Design for Health Information Management</td>
</tr>
<tr>
<td>IET 15000</td>
<td>Quantitative Methods for Tech</td>
</tr>
<tr>
<td>INFO-I 101</td>
<td>Introduction to Informatics</td>
</tr>
<tr>
<td>INFO-I 1201</td>
<td>Math Foundations of Informatics</td>
</tr>
<tr>
<td>INFO-I 1210</td>
<td>Information Infrastructure I</td>
</tr>
<tr>
<td>INFO-I 1223</td>
<td>Data Fluency</td>
</tr>
<tr>
<td>NURS-H 335</td>
<td>Data Analysis for Practice and Research</td>
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<tr>
<td>PBHL-B 300</td>
<td>Introduction to Biostatistics</td>
</tr>
<tr>
<td>PHIL-P 208</td>
<td>Causality and Evidence</td>
</tr>
<tr>
<td>PHIL-P 265</td>
<td>Intro to Symbolic Logic</td>
</tr>
<tr>
<td>PSY-B 305</td>
<td>Statistics</td>
</tr>
<tr>
<td>SOC-R 350</td>
<td>Intro to Sociological Stats</td>
</tr>
<tr>
<td>SPEA-K 300</td>
<td>Statistical Techniques</td>
</tr>
<tr>
<td>STAT 30100</td>
<td>Elem Stat Method I</td>
</tr>
<tr>
<td>SWK-S 372</td>
<td>Statistical Reasoning in Social Work</td>
</tr>
</tbody>
</table>

### Core Communication: 6 Credits

Must take one speech course (COMM-R 110) and one course in composition (either ENG-W 131 or ENG-W 140)

#### Speech Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM-R 110</td>
<td>Fundamentals of Speech Communication</td>
</tr>
</tbody>
</table>

#### Composition Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ENG-W 131</td>
<td>Reading, Writing, and Inquiry I</td>
</tr>
<tr>
<td>ENG-W 140</td>
<td>Reading, Writing, and Inquiry I—Honors</td>
</tr>
</tbody>
</table>

### Cultural Understanding: 3 Credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFRO-A 140</td>
<td>Intro. to African Amer. and African Diaspora Studies</td>
</tr>
<tr>
<td>AFRO-A 150</td>
<td>Surv Cultr of Black Americans</td>
</tr>
<tr>
<td>AFRO-A 152</td>
<td>Introduction to African Studies</td>
</tr>
<tr>
<td>AMST-A 101</td>
<td>Introduction to American Studies</td>
</tr>
<tr>
<td>AMST-A 102</td>
<td>Asian American Culture</td>
</tr>
<tr>
<td>ANTH-A 104</td>
<td>Cultural Anthropology</td>
</tr>
<tr>
<td>ASL-A 131</td>
<td>First Year ASL I</td>
</tr>
<tr>
<td>ASL-A 132</td>
<td>First Year ASL II</td>
</tr>
<tr>
<td>ASL-A 211</td>
<td>Second Year ASL I</td>
</tr>
<tr>
<td>ASL-A 212</td>
<td>Second Year ASL II</td>
</tr>
<tr>
<td>CLAS-C 213</td>
<td>Sport and Competition in the Ancient World</td>
</tr>
<tr>
<td>CLAS-L 131</td>
<td>Beginning Latin I</td>
</tr>
<tr>
<td>CLAS-L 132</td>
<td>Beginning Latin II</td>
</tr>
<tr>
<td>CLAS-L 200</td>
<td>Second Year Latin I</td>
</tr>
<tr>
<td>CLAS-L 250</td>
<td>Second Year Latin II</td>
</tr>
<tr>
<td>COMM-C 282</td>
<td>Experiencing Intergroup Dialogue</td>
</tr>
<tr>
<td>COMM-C 299</td>
<td>Communicating Queer Identity</td>
</tr>
<tr>
<td>EALC-C 131</td>
<td>Beginning Chinese I</td>
</tr>
<tr>
<td>EALC-C 132</td>
<td>Beginning Chinese II</td>
</tr>
<tr>
<td>EALC-C 201</td>
<td>Second Year Chinese I</td>
</tr>
<tr>
<td>EALC-C 202</td>
<td>Second Year Chinese II</td>
</tr>
<tr>
<td>EALC-J 131</td>
<td>Beginning Japanese I</td>
</tr>
<tr>
<td>EALC-J 132</td>
<td>Beginning Japanese II</td>
</tr>
<tr>
<td>EALC-J 201</td>
<td>Second Year Japanese I</td>
</tr>
<tr>
<td>EALC-J 202</td>
<td>Second Year Japanese II</td>
</tr>
<tr>
<td>EDUC-E 201</td>
<td>Multicultural Education and Global Awareness</td>
</tr>
<tr>
<td>ENG-L 245</td>
<td>Intro to Caribbean Literature</td>
</tr>
<tr>
<td>FREN-F 131</td>
<td>First Year French I</td>
</tr>
<tr>
<td>FREN-F 132</td>
<td>First Year French II</td>
</tr>
<tr>
<td>FREN-F 203</td>
<td>Second Year French I</td>
</tr>
<tr>
<td>FREN-F 204</td>
<td>Second Year French II</td>
</tr>
<tr>
<td>GER-G 131</td>
<td>First Year German I</td>
</tr>
<tr>
<td>GER-G 132</td>
<td>First Year German II</td>
</tr>
<tr>
<td>GER-G 203</td>
<td>Second Year German I</td>
</tr>
<tr>
<td>GER-G 204</td>
<td>Second Year German II</td>
</tr>
<tr>
<td>HIST-H 100</td>
<td>Introduction to History</td>
</tr>
<tr>
<td>INTL-I 100</td>
<td>Intro to International Studies</td>
</tr>
<tr>
<td>ITAL-M 131</td>
<td>Beginning Italian I</td>
</tr>
</tbody>
</table>
ITAL-M 132  Beginning Italian II  
ITAL-M 200  Intermediate Italian I  
ITAL-M 250  Intermediate Italian II  
LATSL-L 101  Intro to Latino Studies  
LATSL-L 228  An Interdisciplinary Look at U.S. Latino/a Identities  
MUS-M 394  Survey of African American Music  
MUS-Z 105  Traditions in World Music  
NAIS-N 101 Introduction to Native American and Indigenous Studies  
NELC-A 131 Beginning Arabic I  
NELC-A 132 Beginning Arabic II  
NELC-A 200 Intermediate Arabic I  
NELC-A 250 Intermediate Arabic II  
PBHL-A 120 Regional Cultures and Mortality  
PSY-B 203 Ethics and Diversity in Psychology  
REL-R 101 Religion and Culture  
REL-R 103 The Bible and Culture  
SPAN-S 131 First Year Spanish I  
SPAN-S 203 Second Year Spanish I  
SPAN-S 204 Second Year Spanish II  
SWK-S 102 Understanding Diversity in a Pluralistic Society  
TCM 18000 Exploring Intercultural Technical Communication  

Additional Course for IUPUC Students Only (Cultural Understanding)  
BUS-D 101 Introduction to International Relations  

Life and Physical Sciences: 6 Credits  

ANTH-A 103 Human Origins & Prehistory  
AST-A 100 The Solar System  
AST-A 103 Search for Life in the Universe  
AST-A 105 Stars and Galaxies  
AST-A 205 Quasars, Pulsars, and Black Holes  
BIOL 10011 Principles of Biomedical Sciences  
BIOL-K 101 Concepts of Biology I  
BIOL-K 102 Honors Concepts of Biology I  
BIOL-K 103 Concepts of Biology II  
BIOL-K 104 Honors Concepts of Biology II  
BIOL-N 100 Contemporary Biology  
BIOL-N 107 Exploring the World of Animals  
BIOL-N 200 Biology of Women  
BIOL-N 207 Physiology for Healthcare Management  
BIOL-N 211 Anatomy for Healthcare Management  
BIOL-N 212 Human Biology  
BIOL-N 213 Human Biology Lab  
BIOL-N 214 Human Biology  
BIOL-N 215 Human Biology Lab  
BIOL-N 217 Human Physiology  
BIOL-N 251 Introduction to Microbiology  
BIOL-N 261 Human Anatomy  
CHEM-C 100 The World of Chemistry  
CHEM-C 101 Elementary Chemistry I  
CHEM-C 105 Principles of Chemistry I  
CHEM-C 106 Principles of Chemistry II  
CHEM-C 110 The Chemistry of Life  
CHEM-C 115 Lab for the Chemistry of Life  
CHEM-C 121 Elementary Chemistry Lab I  
CHEM-C 125 Experimental Chemistry I  
CHEM-C 126 Experimental Chemistry II  
CHEM-S 125 Exp Chemistry I Honors  
CHEM-S 126 Exp Chemistry II Honors  
FIS 10100 Investigating Forensic Science Lecture  
FIS 10101 Investigating Forensic Science [Lab]  
FIS 20500 Concepts of Forensic Science I  
FIS 20600 Concepts of Forensic Science II  
GEOG-G 107 Physical Sys of Environment  
GEOG-G 108 Physical Sys of Environment Lab  
GEOG-G 111 Hurricanes  
GEOG-G 112 Thunderstorms and Tornadoes  
GEOG-G 114 Greenhouse Effect and Global Warming  
GEOG-G 123 Soil Survey  
GEOL-G 107 Environmental Geology  
GEOL-G 109 Fundamentals of Earth History  
GEOL-G 110 Physical Geology  
GEOL-G 115 Intro to Oceanography  
GEOL-G 117 Environmental Geology Lab  
GEOL-G 119 Fundamentals of Earth History Lab  
GEOL-G 120 Physical Geology Laboratory  
GEOL-G 130 Short Courses in Earth Science  
GEOL-G 132 Environmental Problems  
GEOL-G 135 Indiana Geology  
GEOL-G 136 Indiana Geology Laboratory  
HPER-P 205 Structural Kinesiology  
PBHL-A 115 Environment and Human Health  
PBHL-E 210 Zombie Apocalypse and Doomsday Infections  
PBHL-S 220 Navigating the Maze of Healthy Living  
PHYS 10000 Physics in the Modern World  
PHYS 15200 Mechanics  
PHYS 20000 Physical Environment  
PHYS 21800 General Physics I  
PHYS 21900 General Physics II  
PHYS 25100 Heat Electricity & Optics  
PHYS-P 201 General Physics 1  
PHYS-P 202 General Physics 2  
PSY-B 201 Foundations of Neuroscience  

Additional Courses for IUPUC Students Only (Life and Physical Sciences)  

BIOL-N 108 Plants, Animals, and the Environment
Arts/Humanities and Social Sciences: 9 Credits

Must have at least 3 credits in each area: Arts/Humanities and Social Sciences

**Arts and Humanities**

- ART 21000 History of Architecture 1
- CLAS-C 101 Ancient Greek Culture
- CLAS-C 102 Roman Culture
- CLAS-C 205 Classical Mythology
- COMM-T 130 Introduction to Theatre
- ENG-L 115 Literature for Today
- ENG-L 202 Literary Interpretation
- ENG-L 203 Introduction to Drama
- ENG-L 205 Introduction to Poetry
- ENG-L 207 Women and Literature
- ENG-L 213 Literary Masterpieces I
- ENG-L 214 Literary Masterpieces II
- ENG-W 206 Introduction to Creative Writing
- ENG-W 207 Introduction to Fiction Writing
- ENG-W 208 Introduction to Poetry Writing
- ENG-W 210 Literacy and Public Life
- ENG-W 260 Writing of Film Criticism
- FILM-C 292 Introduction to Film
- HER-E 101 Beginning Drawing I
- HER-E 105 Beginning Painting I
- HER-E 109 Color and Design for Non-Art Majors
- HER-E 111 Metalsmithing and Jewelry Design
- HER-E 201 Photography I
- HER-E 209 Drawing for Interior Design
- HER-E 214 Visual Learning: From the Simpsons to the Guerrilla Girls
- HER-H 100 Art Appreciation
- HER-H 101 History of Art 1
- HER-H 102 History of Art 2
- HER-H 200 Understanding Contemporary Art
- HER-H 221 Art Past and Present
- HER-V 214 History of Visual Communication
- HIST-H 195 Introduction to Digital Humanities
- MHHS-M 201 Introduction to Medical Humanities and Health Studies
- MSTD-A 101 Understanding Museums
- MUS-E 241 Introduction to Music Fundamentals
- MUS-L 100 Guitar Elec/Secondary
- MUS-L 101 Beginning Guitar Class
- MUS-M 174 Music for the Listener
- MUS-V 100 Voice Elective and Secondary
- MUS-Z 111 Introduction to Music Theory
- MUS-Z 201 History of Rock and Roll Music
- NEWM-N 100 Foundations of New Media
- NEWM-N 102 Digital Media Imagery
- NEWM-N 131 Game on! A History of Video Games
- NEWM-N 201 Design Issues in Digital Media
- PHIL-P 110 Introduction to Philosophy
- PHIL-P 120 Ethics
- PHIL-P 162 Logic
- PHIL-P 105 Giving and Volunteering in America
- PHST-P 211 Philanthropy and the Humanities
- REL-R 133 Introduction to Religion
- REL-R 173 American Religion
- REL-R 180 Introduction to Christianity
- REL-R 212 Comparative Religions
- REL-R 243 Introduction to the New Testament
- REL-R 257 Introduction to Islam

**Social Sciences**

- BUS-F 151 Personal Finances of the College Student
- BUS-F 152 Basic Financial Planning and Investment
- BUS-F 251 Managing Personal and Financial Risk
- BUS-F 260 Personal Finance (Note: F-260 is equiv. to F151, F152, and F251 combined)
- BUS-W 200 Intro to Business & Management
- BUS-X 100 Business Administration: Intro
- COMM-C 180 Intro to Interpersonal Comm.
- COMM-M 150 Mass Media & Contemp Society
- ECE 32700 Engineering Economics
- ECON-E 101 Survey of Economic Iss & Prob
- ECON-E 202 Intro to Macroeconomics
- EDUC-P 251 Educ Psych for Elem Teachers
- ENG-Z 104 Language in Our World
- ENG-Z 205 Intro to the English Language
- FOLK-F 101 Introduction to Folklore
- GEOG-G 110 Intro to Human Geography
- GEOG-G 130 World Geography
- HIST-H 105 American History I
- HIST-H 106 American History II
- HIST-H 108 Perspectives: World to 1800
- HIST-H 109 Perspectives: World 1800–Present
- HIST-H 113 History of Western Civilization I
- HIST-H 114 History of Western Civilization II
- HPER-F 255 Human Sexuality
- HPER-F 258 Marriage & Family Interaction
- HPER-H 195 Principles of Lifestyle Wellness
- INFO-I 202 Social Informatics
- INFO-I 270 Intro to Human-Computer Interaction Prin. and Practices
- INFO-I 275 Intro to Human-Computer Interaction Theory
- JOUR-J 110 Foundations of Journalism and Mass Communication
- ME 32700 Engineering Economics
- MSPT-Z 100 Motorsports Studies
- NEWM-N 132 Game Design Psychology: Theory and Prototyping
- OLS 20000 Introduction to Sustainable Principles and Practices
- OLS 25200 Human Behavior in Organizations
- OLS 26300 Ethical Decisions in Leadership
- OLS 27400 Applied Leadership
- PBHL-P 109 Introduction to Public Health (was PBHL-E 109)
- PBHL-H 101 Influencing the Public’s Health
- PBHL-S 120 Introduction to Community Health
- PHST-P 210 Philanthropy and the Social Sciences
- PHST-P 212 Philanthropy and Civic Engagement
POLS-Y 101  Intro to Political Science
POLS-Y 103  Intro to American Politics
POLS-Y 217  Intro to Comparative Politics
POLS-Y 219  Intro to International Relations
PSY-B 110  Introduction to Psychology
SHRS-W 200  Survey of U.S. Health Care System Services
SHRS-W 220  Aging and the Older Person
SOC-R 100  Introduction to Sociology
SOC-R 121  Social Problems
SPEA-J 101  American Criminal Justice System
SPEA-J 150  Public Safety in America
SPEA-V 170  Intro to Public Affairs
SPEA-V 221  Nonprofit & Voluntary Sector
SPEA-V 222  Principles of Sustainability
SWK-S 221  Human Growth and Development in the Social Environment
SWK-S 251  History and Analysis of Social Welfare Policy
WOST-W 105  Intro to Women’s Studies

**Additional Course for IUPUC Students Only (Social Sciences)**

EDUC-P 254  Ed Psy for Teachers—All Grades