Required: SCI-I 120 Windows on Science. With permission another Learning Community may be substituted.

AREA I COMMUNICATION - 9 credits
A. English Composition - 6 credits
(Grade of a C or better in each course)
ENG-W 131 (ENG – W 140) English Composition I

Second composition course
ENG-W 132 (ENG-W 150), ENG-W 231 or TCM 320

B. Speech Communication - 3 credits
COMM-R 110 Speech Communication

AREA II FOREIGN LANGUAGE
A foreign language is not required for BS degrees.

AREA III GENERAL REQUIREMENTS - 44 credits
A. Humanities, Social Sciences, & Comparative World Cultures - 12 credits
HIST-H 114 or HIST-H 109

One course each from List H, S and C

List H: _______________________________  3 cr. ____.  
List S:  _______________________________   3 cr. ____.  
List C: _______________________________  3 cr. ____.  

B. Junior/Senior Integrator - 3 credits
FIS 41500 Forensic Science and the Law

C. Physical and Biological Sciences - 20 credits
PHYS-P 201 General Physics I
PHYS-P 202 General Physics II
CHEM-C 105 Principles of Chemistry I
CHEM-C 125 Experimental Chemistry I
CHEM-C 106 Principles of Chemistry II
CHEM-C 126 Experimental Chemistry II

D. Math and Computer Science - 9 credits
MATH 23100 Calculus for Life Sciences I
MATH 23300 Calculus for Life Sciences II
Computer Science – Choose from the following:
CSCI-N 201, N 207, N 211, N 301

AREA IV MAJOR COURSES –69 credits
Students must have a grade of C- or higher for Courses listed in Area IV except for FIS courses (see below)
A. Required Forensic Science Courses - 22 credits
(Grade of C or better in each FIS course; No grade below C accepted)
FIS 20500 Concepts of Forensic Science I 3cr. fa
FIS 20600 Concepts of Forensic Science II 3cr. fa
FIS 30500 Professional Issues in Forensic Science 3cr. sp
FIS 30600 Forensic Microscopy 3cr. ___

AREA IV A. CONTINUED
FIS 40100 Forensic Chemistry I 3cr. fa
FIS 40101 Forensic Chemistry Lab I 1cr. fa
FIS 40400 Forensic Chemistry II 3cr. sp
FIS 40401 Forensic Chemistry Lab II 1cr. sp
FIS 49000 Capstone in Forensic Science 2cr. fa

B. Required Biology Courses - 10 credits
BIOL-K 101 Concepts of Biology I 5 cr. ___
BIOL-K 103 Concepts of Biology II 5 cr. ___

C. Required Chemistry Courses - 22 credits
CHEM-C310 Analytical Chemistry 3 cr.sp/ss2
CHEM-C311 Analytical Chemistry Lab 1 cr.sp/ss2
CHEM-C 341 Organic Chemistry I 3 cr.
CHEM-C 343 Organic Chemistry Lab I 2 cr.
CHEM-C 342 Organic Chemistry II 3 cr.
CHEM-C 344 Organic Chemistry Lab II 2 cr.
CHEM-C 360 Elementary Physical Chemistry 3 cr. sp
CHEM-C 410 Principles of Chem. Instrumentation 3 cr. fa
CHEM-C 411 Principles of Chem. Instrument. Lab 2 cr. fa

D. Required Statistics Course - 3 credits
STAT 30100 Elementary Statistical Methods 3 cr. ___

E. Advanced Science Courses – Choose 12 credits (minimum)
Check prerequisites at www.bulletin.iupui.edu.
ANTH-B 426 Human Osteology 3cr. varies
BIOL-K 322 Genetics & Molecular Biology 3cr. ___
BIOL-K 323 Genetics & Molecular Biology Lab 2cr. fa
BIOL-K 324 Cell Biology 3cr. ___
BIOL-K 325 Cell Biology Laboratory 2cr. sp
BIOL-K 338 Immunology 3cr. ___
BIOL-K 339 Immunology Lab 2cr. ___
BIOL-K 341 Principles of Ecology and Evolution 3cr. ___
BIOL-K 356 Microbiology 3cr. ___
BIOL-K 357 Microbiology Laboratory 2cr. sp
BIOL-K 483 Biological Chemistry 3cr. ___
BIOL-K 484 Cellular Biochemistry 3cr. sp
BIOL-N 217 Human Physiology 5cr. ___
BIOL-N 261 Human Anatomy 5cr. ___
CHEM-C 430 Inorganic Chemistry 3cr. sp
CHEM-C 435 Inorganic Chemistry Lab 1cr. sp
CHEM-C 484 Biomolecules and Catabolism 3cr. fa
CHEM-C 485 Biosynthesis and Physiology 3cr. ___
CHEM-C 486 Biological Chemistry Lab 2cr.
FIS 40200 Forensic Biology I 3cr. fa
FIS 40201 Forensic Biology I Lab 2cr. fa
FIS 40300 Forensic Biology II 3cr. sp
FIS 40301 Forensic Biology II Lab 2cr. sp
GEOL-G 306 Earth Materials 3cr. ___

AREA V ELECTIVES
A minimum of 124 credit hours must be completed for graduation. The number of elective hours needed will vary. Please see your academic advisor to determine if elective hours are needed.
GENERAL INFORMATION

1. Courses taken outside of the Schools of Science and Liberal Arts (other than those listed that satisfy an area requirement or concentration) must receive departmental approval. No more than 6 credits of studio, clinical, athletic, or performing arts course work will be approved. See the departmental advisor.

2. Independent Study (correspondence) courses may be used for general electives up to a maximum of 12 credit hours. All independent study courses must be approved by the associate dean for academic programs and student development in the School of Science.

3. Courses taken on the Pass/Fail option are applied only as general electives and do not count toward any degree area requirements of the school or department.

4. A minimum of 124 credit hours must be completed for graduation. This total must include at least 32 credit hours in courses at the 300-level or above taken at the IUPUI campus. Residence (not living but taking courses on the IUPUI campus) of at least two semesters at the IUPUI campus is also required for graduation.

5. Some of the courses listed may have prerequisites that are not part of the required course list. Check with the FIS advisor to make sure you have the necessary prerequisites.

6. The following are acceptable substitutes. Always check with your advisor before officially choosing a substitute.
   - MATH 16500 & 16600 – Can substitute for MATH 23100 & 23200
   - MATH 22100 & 22200 – Can substitute for MATH 23100 & 23200
   - PHYS 15200 & 25100 – Can substitute for PHYS-P 201 & P 202

7. Students must maintain a minimum 2.5 GPA for the FIS degree.

8. To contact the FIS Academic Advisor, call 317-274-6882 or email forscl@iupui.edu. To schedule an appointment with the FIS Academic Advisor go to http://science.iupui.edu/advising.

List H: Humanities
AFRO-A 150 Survey of the Culture of Black Americans
AMST-A 103 Topics in American Studies
HER-H 100 Art Appreciation
HER-H 101 History of Art I
HER-H 102 History of Art II
CLAS-C 205 Classical Mythology
COMM-T 130 Introduction to Theatre
ENG-L 105 Appreciation of Literature
ENG-L 115 Literature for Today
FILM-C 292 Introduction to Film
FOLK-F 101 Introduction to Folklore
HIST-H 105 American History I
HIST-H 106 American History II
HIST-H 108 Perspectives on the World to 1800
HIST-H 113 History of Western Civilization I
HIST-H 217 The Nature of History
PHST-P 105 Giving and Volunteering in America
PHIL-P 110 Introduction to Philosophy
PHIL-P 120 Ethics
PSY-B 203 Ethics and Diversity in Psychology
REL-R 133 Introduction to Religion
REL-R 173 American Religion
REL-R 180 Introduction to Christianity
REL-R 212 Comparative Religions
WOST-W 105 Introduction to Women's Studies
WLAC-F 200 Cross-Cultural Encounters

List S: Social Sciences
AFRO-A 150 Survey of the Culture of Black Americans
ANTH-A 104 Culture and Society
ENG-G 104 Language Awareness
GEOG-G 110 Introduction to Human Geography
GEOG-G 130 World Geography
HIST-H 117 Introduction to Historical Studies
POLS-Y 101 Principles of Political Science
POLS-Y 103 Introduction to American Politics
POLS-Y 213 Introduction to Public Policy
POLS-Y 219 Introduction to International Relations
PSY-B 104 Psychology as a Social Science
PSY-B 110 Introduction to Psychology
PSY-B 310 Life Span Development
SPEA-J 101 Intro to the American Criminal Justice System
SPEA-V 170 Introduction to Public Affairs
SOC-R 100 Introduction to Sociology
SOC-R 121 Social Problems
WOST-W 105 Introduction to Women's Studies

List C: Comparative World Cultures
ANTH-A 104 Culture and Society
ANTH-A 304 Introduction to Comparative Cultures
CLAS-C 205 Classical Mythology
GEOG-G 110 Introduction to Human Geography
HIST-H 108 Perspectives on the World to 1800
POLS-Y 217 Introduction to Comparative Politics
PSY-B 203 Ethics and Diversity in Psychology
REL-R 133 Introduction to Religion
REL-R 212 Comparative Religions
WLAC-F 200 Cross-Cultural Encounters

List S: Social Sciences
AFRO-A 150 Survey of the Culture of Black Americans
*ANTH-A 104 Culture and Society
(*Note: ANTH-A 304 may be substituted for ANTH-A 104. Students may not receive credit for both. ANTH-A 304 is typically offered in Summer II.)
COMM-C 180 Introduction to Interpersonal Communication

List C: Comparative World Cultures
*ANTH-A 104 Culture and Society
(*Note: ANTH-A 304 may be substituted for ANTH-A 104. Students may not receive credit for both. ANTH-A 304 is typically offered in Summer II.)
CLAS-C 205 Classical Mythology
GEOG-G 110 Introduction to Human Geography
HIST-H 108 Perspectives on the World to 1800
POLS-Y 217 Introduction to Comparative Politics
PSY-B 203 Ethics and Diversity in Psychology
REL-R 133 Introduction to Religion
REL-R 212 Comparative Religions
WLAC-F 200 Cross-Cultural Encounters