Fast Track Pharmacy Degree with BS in Biochemistry/Molecular Biology

Name: ___________________________  Expected graduation date: ________________

UCORE REQUIREMENTS: (see catalog or degree audit for more details).

Courses in bold are required for Pre-pharmacy students.

_____ Roots of Contemporary Issues       (3)  ____ Creative and Professional Arts       (3)
_____ Communication                       (3)  ____ Global Diversity                  (3)
_____ Written Communication                (3)  ____ EconS 101                         (3)
_____ Inquiry in Social Sciences: Psych 105 (3)  ____ English 301, 302 or 402*         (3)
_____ Humanities: Phl 103 or 365            (3)  ____ Writing Portfolio (www.wsu.edu/~jrpf)

Note: *Engl 402 may also satisfy the Writing in the Major [M] component of the Biochemistry degree.

Non-Major prerequisites

_____ Biol 106 [B] Introduction: Organismal (4)*
_____ Biol 107 [B] Introduction: Cell Biology & Genetics (4)*
_____ Chem 105[P] Principles I               (4)*
_____ Chem 106[P] Principles II              (4)*
_____ Chem 345 Organic Chem I                (4)
_____ Chem 348 Organic Chem II & Problem Solving (4)
_____ Math 140 [N] Math for Life Scientists
OR  _____ Math 171 [N] Calculus I           (4)
_____ Math 212 Intro Stat Methods
OR  _____ Stat 412 Stat Methods Res I       (3-4)

* A grade of C or better and a cumulative gpa of 2.50 is required to certify in SMB.

MOLECULAR BIOSCIENCES

(A grade of C or better is required in each of the courses below.)

_____ MBioS 301 General Genetics (Fa/Sp/Su) (4) [Biol 106, 107, Chem 105, 106]
_____ MBioS 303 Introductory Biochemistry (Fa/Sp/Su) (4) [Chem 345]
_____ MBioS 304 Micro/Molecular biology Lab (Fa/Sp/Su) (3) [c/ MBioS 303 or 305]
_____ MBioS 305 Gen Microbiology Lecture (Fa/Sp/Su) (3) [Biol 106, 107, Chem 345]
_____ MBioS 413 General Biochemistry (Fa) (3) [MBioS 303, junior standing]
_____ MBioS 414 General Biochemistry (Sp) (3) [MBioS 413]
_____ [M]MBioS 494 Senior Project (Fa/Sp) (3) [senior status]
_____ Biol 315 Gross and Microanatomy (Fa/Sp) (4)
_____ Neuro 425/426 Integrated Physiology & Lab (Su/Sp) (4)

Students admitted into the Pharmacy Program for Fall semester will complete the undergraduate courses listed above (98 credits). After admittance into the Pharmacy Program the following PharD courses will be used to complete the Biochemistry degree (23 credits). Consult with the SMB Academic Coordinator for the application for December graduation paperwork during the Fall Semester of Year 2. Students must pass all PharD courses with a minimum grade of C in each course and a WSU cumulative gpa of 2.0 to complete the Biochemistry degree.

PharD 502 (Fall Yr 1) Integrated Pharmacology I (3)
PharD 503 (Fall Yr 1) Pathophysiology with Medical Terminology (4)
PharD 508 (Fall Yr 1) Pharmaceutics I (3)
PharD 512 (Spring Yr 1) Integrated Pharmacology II (4)
PharD 515 (Spring Yr 1) Immunology (2)
PharD 528 (Fall Yr 2) Pharmacokinetics (3)
PharD 532 (Fall Yr 2) Integrated Pharmacology III (4)