

**MSU-College of Agriculture  
Freshman & Sophomore Years in Biotechnology-General**

Name: \_\_\_\_\_ SS#/GID#: \_\_\_\_\_ Date: \_\_\_\_\_

**FRESHMAN**

- \_\_\_\_\_ BIOL 101IN or BIOL 213 (4)
- \_\_\_\_\_ BIOL 102 or BIOL 214 (4)
- \_\_\_\_\_ CHMY-141 (old: CHEM 131) (4)
- \_\_\_\_\_ CHMY-143 (old: CHEM132) (4)
- \_\_\_\_\_ WRIT-101W (old: ENGL 121W) (3)
- \_\_\_\_\_ PSPP 101/VTMB 101/MB 110CS (3)  
(Introduction to biotechnology)

*Take one of the following Math (M) groupings:*

- \_\_\_\_\_ M-161Q (old: MATH 170Q) (4)
- and**
- \_\_\_\_\_ PSPP 318 Biometry (3)
- or**
- \_\_\_\_\_ STAT 216Q (3)
- OR**
- \_\_\_\_\_ M-165Q (old: MATH 175Q) (3)
- \_\_\_\_\_ M-166Q (old: MATH 176Q) (3)

**SOPHOMORE**

- \_\_\_\_\_ BIOL 301 Principles of Genetics (3)
- \_\_\_\_\_ ECNS-101IS (old: ECON 101IS) (3)
- \_\_\_\_\_ MB 301 General Microbiology (5)

*Take one of the following:*

- \_\_\_\_\_ CHMY-211 (Elem Organ Chem) (5)
- OR**
- \_\_\_\_\_ CHMY-321 (Organ Chem I) (4)
- and**
- \_\_\_\_\_ CHMY-323 (Organ Chem II) (4)

Take one of the following:

- \_\_\_\_\_ AGED 105 (Microcomputers in Ag) (3)
- \_\_\_\_\_ CAPP-120 (old: CS 150) (3)

**SUBSTITUTIONS**

- \_\_\_\_\_ for \_\_\_\_\_
- \_\_\_\_\_ for \_\_\_\_\_
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- \_\_\_\_\_ for \_\_\_\_\_

**CORE 2.0**

- University Seminar (**US**)

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- College Writing (**W**)
- (3) *WRIT-101W (see left)*

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- Quantitative Reasoning (**Q**)
- (see left; fulfilled)

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- Diversity (**D**)

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- Contemp. Issues Science (**CS**)
- (3) *Intro to biotech (see left)*

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- Arts (**IA or RA**)

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- Humanities (**IH or RH**)

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- Natural Sciences (**IN or RN**)
- (see left; fulfilled)

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- Social Sciences (**IS or RS**)
- (3) *ECNS-101IS (see left)*

**Must have one course in  
Res. & Creative Experience**

Below is a list of required or optional courses for PSPP curriculum Options that are affected by the new course numbering, effective Fall 2009.

Old Course	Old Course Title	New Course	New Course Title
ACCT-220	Survey of Accounting	ACTG-220	Survey of Accounting
BCHM-122	Organic and Biochemical Princi	CHMY-123	Intro to Organic & Biochem
CHEM-121IN	Intro General Chemistry	CHMY-121IN	Intro to General Chemistry
CHEM-131	General Chemistry I	CHMY-141	College Chemistry I
CHEM-132	General Chemistry II	CHMY-143	College Chemistry II
CHEM-215	Element Organic Chemistry	CHMY-211	Elements of Organic Chemistry
CHEM-311	Organic Chemistry I	CHMY-321	Organic Chemistry I
CHEM-312	Organic Chemistry II	CHMY-323	Organic Chemistry II
CS-150	Computer Literacy	CAPP-120	Introduction to Computers
ECON-101IS	Economic Way of Thinking	ECNS-101IS	Economic Way of Thinking
ECON-201IS	Intro to Microeconomics Thry	ECNS-204IS	Microeconomics
ENGL-121W	College Writing I	WRIT-101W	College Writing I
ENGL-221	College Writing II	WRIT-201	College Writing II
ENGL-223	Technical Writing	WRIT-221	Intermediate Tech Writing
ESCI-111IN	Physical Geology	GEO-101IN	Intro to Physical Geology
ESCI-112CS	Physical Geography	GPHY-111CS	Intro to Physical Geography
GEOG-305	Adv Geog Info Science	GPHY-384	Adv GIS and Spatial Analysis
GEOG-330	Geographical Planning	GPHY-365	Geographical Planning
MATH-103	Introductory Algebra	M-097	Surv of Alg (Mastery Learning)
MATH-105	College Algebra	M-121Q	College Algebra
MATH-150Q	Liberal Arts Math	M-145Q	Math for the Liberal Arts
MATH-151Q	Language of Math	M-147Q	Language of Mathematics
MATH-160Q	Precalculus	M-151Q	Precalculus
MATH-170Q	Survey of Calculus	M-161Q	Survey of Calculus
MATH-175Q	Calculus for Technology I	M-165Q	Calculus for Technology I
MATH-176Q	Calculus Technology II	M-166Q	Calculus for Technology II
MLS-101	Elementary Spanish I	SPNS-101	Elementary Spanish I
MLS-102D	Elementary Spanish II	SPNS-102D	Elementary Spanish II