

New NPB major requirements.

Optional for any student who entered prior to Fall 2018. Required for first year students from Fall 2018 onwards.

All students who **choose** to complete the new major requirements must complete the requirements in this "Basics" Box.

Basics

MAT 17 A, B, C or 21 A, B
BIS 2 A, B, C
PHY 7 A, B, C
CHE 2 A, B, C or CHE 3 A,B,C
CHE 118 A, B, C or CHE 8A, 8B
STA 100
BIS 101
BIS 105 or 102 & 103
NPB 110 A, B, C

Complete **only one** of these tracks. Every track involves one lab & 4 depth electives(3 track specific and one extra).

Physio Track

Must take: NPB 101L (taken after 110C)

Must also take: 3 of the following courses:

ANS 123
EXB 101, 106, 106L, 110, 112, 117, 124
NPB 106, 107, 109, 111L, 113, 114, 121, 121L, 123, 128, 130, 132, 134, 139, 140, 141, 141P, 142, 152, 157, 168

MCB 150

MMI 188

PMI 126

At least 3 units of NPB 190C, 194, 198, 199 may be pre-approved by a NPB Faculty Advisor .

Neuro Track

Must take: NPB 100L (taken with/ after 110B)

Must also take: 3 of the following courses:

NPB 101L, 106, 107, 112, 124, 161, 162, 163, 164, 165, 166, 167, 168, 169, 171, 172, 173
PSC 130, 135, 137

At least 3 units of NPB 190C, 194, 198, 199 may be pre-approved by a NPB Faculty Advisor .

Organism-Environmental Interactions (OEI) Track

Must take: NPB 101L (taken after 110C)

Must also take: 3 of the following courses:

ANS 104, 123
EVE 105, 106, 107, 110, 147
NPB 100L, 102, 106, 111L, 113, 117, 123, 126, 128, 132, 140, 141, 141P, 142, 150, 152, 162
WFC 130, 141, 153
PMI 126

At least 3 units of NPB 190C, 194, 198, 199 may be pre-approved by a NPB Faculty Advisor .

Extra Elective

1 of the following courses:

NPB 100L, 101L, 106, 107, 109, 111L, 112, 113, 114, 117, 121, 121L, 123, 124, 126, 128, 130, 132, 134, 139, 140, 141, 141P, 150, 152, 157, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 171, 172, 173, 190C, 194, 198

EXB 101, 102, 106, 106L, 112, 117

ENT 104

EVE 100

ANT 154A

MIC 102

All students must complete an Extra Elective on top of their track requirements.

Courses taken for this Extra Elective are **NOT** allowed to "double count" in their track. This is an additional requirement.

At least two of the four required elective must be NPB or EXB courses.

New NPB major requirements.

Optional for any student who entered prior to Fall 2018. Required for first year students from Fall 2018 onwards.

LOWER DIVISION CORE (56-66 units)

Basics

<u>Courses</u>	<u>Prerequisite(s)</u>	<u>Courses</u>	<u>Prerequisite(s)</u>
Biological Sciences		General Chemistry	
_____ BIS 2A (5; I, II, III)		_____ CHE 2A (5; I, II)	Qualifying Exams
_____ BIS 2B (5; I, II, III)	BIS 2A	_____ CHE 2B (5; II, III)	CHE 2A
_____ BIS 2C (5; I, II, III)	BIS 2B	_____ CHE 2C (5; I, III)	CHE 2B
Calculus		OR	
_____ MAT 17A (4; I, II, III)	Qualifying Exam	_____ CHE3A(5;I,II)	Qualifying Exams
_____ MAT 17B (4; I, II, III)	MAT 17A	_____ CHE3B(5, II)	CHE3A
_____ MAT 17C (4; I, II, III)	MAT 17B	_____ CHE3C (5, III)	CHE3B
OR		Organic Chemistry	
_____ MAT 21A (4; I, II, III)	Qualifying Exam	_____ CHE 8A (2; I, III)	CHE 2C
_____ MAT 21B (4; I, II, III)	MAT 21A	_____ CHE 8B (4; I, II)	CHE 8A or 118A
Physics		OR	
_____ PHY 7A (4; I, II, III)	MAT 17B or 21B	_____ CHE 118A (4; I, II, III)	
_____ PHY 7B (4; I, II, III)	PHY 7A	_____ CHE 118B (4; I, II, III)	CHE 118A
_____ PHY 7C (4; I, II, III)	PHY 7B	_____ CHE 118C (4; I, II, III)	CHE 118B

UPPER DIVISION CORE (26-29 units)

<u>Courses</u>	<u>Prerequisite(s)</u>	<u>Courses</u>	<u>Prerequisite(s)</u>
Biological Sciences		Statistics	
_____ BIS 101 (4; I, II, III)	BIS 2A,B; CHE 8A or 118A; STA 100	_____ STA 100 (4; I, II, III)	MAT 17B or 21B
_____ BIS 102 (3; I, II, III)	BIS 2A; CHE 8B or 118B	NPB	
_____ BIS 103 (3; I, II, III)	BIS 102	_____ NPB 110A (5; I, II, III)	BIS 2A,B,C; CHE 2A,B,C
OR		_____ NPB 110B (5; I, II)	NPB 110A
_____ BIS 101 (4; I, II, III)	BIS 2A,B; CHE 8A or 118A; STA 100	_____ NPB 110C (5; II, III)	NPB 110A; PHY 7A
_____ BIS 105 (3; II, III)	BIS 2A,B,C; CHE 8B or 118B		

Choose ONE of the following tracks (12-15 units)

Physiology Track:

<u>Lab Course</u>	<u>Prerequisite</u>
_____ NPB 101L (3; I, II, III)	NPB 110C

_____ **3 of the Following Courses:**

ANS 123; EXB 101,106,106L,110,112,117, 124; NPB 106,107,109,111L,113,114, 121,121L, 123,128,130,132,134,139,140,141,141P,142,152,157,168; MCB 150; MMI 188; PMI 126

Neurobiology Track:

<u>Lab Course</u>	<u>Prerequisite</u>
_____ NPB 100L (3; III)	NPB 110B (May be taken concurrently)

_____ **3 of the Following Courses:**

NPB 101L,106,107,112,124,161,162,163,164,165,166,167,168,169,171,172,173; PSC 130,135,137

Organism-Environmental Interaction Track:

<u>Lab Course</u>	<u>Prerequisite</u>
_____ NPB 101L (3; I, II, III)	NPB 110C

_____ **3 of the Following Courses:**

ANS 104,123; EVE 105,106,107,110,147; NPB 100L,102,106,111L,113,117,123,126,128,132,140, 141,141P,142,150,152,162; WFC 130,141,153; PMI 126

EXTRA ELECTIVE: For ALL tracks: Choose 1 additional depth course: (3-5 units)

NPB 100L, 101L, 106, 107, 109, 111L, 112, 113, 114, 117, 121, 121L, 123, 124, 126,128,130, 132, 134, 139, 140, 141, 141P,150, 152, 157, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 171, 172, 173, 190C, 194, 198; EXB 101, 102, 106, 106L, 112, 117; ENT 104; EVE 100; ANT 154A; MIC 102

Courses taken for this Extra Elective are NOT allowed to "double count" in their track. This is an additional requirement.

❖ **At least two of the four depth courses must be NPB or EXB courses**

Total Units for Major: 97-115

I=Fall, II=Winter, III=Spring Rev 2/20/18