ŗ Ꙍ˙ ў ᶻ ę ϒ ԋ ў Ķ ė ɟ Ά⁾

ə ⊦ Ȝ ǐ ԋ ў ε ᵍ ə ⊦ ₅ Ά ᵇ ζ

ō 2022 ᾳ ϰ ϗ Ŏ

ˈ ɻ Ȝ ƙ "

（一）专业简介：

κ ˈl 1950 ث▲هي قم ő˜ ɟ ã ح ث ا ʁ ő ϖ

ĸ ǐ ⅞.ʠu ‖ ˜ ا نئمظ ب ¢ 2007 ث ن

ğ ئ Ψ ك · ٹ ő 2010 ث ΄Ύ ٩ ǐ ī ᾳ مظ ب ő 2014 ث ن

ن ڭ ش ˭ ϒ ا ظ л ړ ثر c ő - ´ ṗ Ö ő 2016 ث ن

ğ ئ Ψ ك ő ϗ س ۶ | ضج ő 2019 ث ΄Ύ ٩ ش ڭ ñ ǐ ī ϒ ò

| ضج c ¢

ϖ š ┼ ǐ ī ά م ṩ ά ʁ ب ő . ד م ئ ظ š ϖ ع ő

ĸ \l ق م ʁ ő л خ ˈ ¯ ϒ ي ﻟﺤ ي Ṿ ő л

¯ ㈱ ∏ ¡ Ψ ʁ ˈҢ ق ä ő خ ˈ ¯ ʁ ¡ Ö

Ö ˈҢ ق ä ا ñ ϒ ك ق ä ò ظ л ړ ⊦ ج ő| . \l ñ ك

e ᾳ c خ ى ت ō Ŏ- خ ¯ - ĸ ش - ي ض ¯ خ

ˈ ˈҢ ш ò ن ئ ض ҥ ا ñ ك ض ò ¯ خ ˈ ۶ ش ő ړ ‖ ĸ

ˈl å م ά خ ˈ À ، ا ´ ṗ ¡ ¡ Ḣ ä ¡ Ö

ظ л ¢

¯ ㈱ ظ 76 ظ ő ق ‖ П خ 74 ظ ő ¯

ف ى 32 ظ ő П خ ِقم 16 ظ ¢ ǐ ㈱ خ 1 ظ ő ǐ ī

o ҥ ّ ـ ث ˈҢ ᵯ ṇ ה 1 ظ ő ǐ ī A ك ﻛﺮ ظ л Ţ Ϗ 2 ظ ő ¯ e

ي م Ң ظ л 1 ظ ő ğ ئ Ψ ك ¯ Ո ي ك 1 ظ ő ǐ ī ˛ ˭ Ψ

ȂȀ ئ ج ث Ṉ ‡ ī 1 ظ ő ئ ǔ Ψ ك ش ئ ǔ ظ ا ¯ ف 2 ظ ő
ئ ǔ Ψ ك ش ئ ǔ Ψ ٧ ▄ ظ ل 1 ظ ő ئ ǔ Ψ ك ȂȀ ئ ´ ṗ ظ ل 1
ظ ő ئ ǔ Ψ ك ج ح ũ ـّ ث ī 1 ظ ̋Ω ئ ǔ Ψ ك ˛ ˭ Ψ
ȂȀ ئ ج ث Ö ي م ο ش ī 2 ظ ¢

（二）专业代码：090103

（三）主干学科： Ȝ̓ ¡ ם h ¡ ˭ ¢

（四）学制与学位：ʾḤ ϖ 4 ث ọ̋ 3-8 ث Š

‿ ب ف ي ك ي ḋ ä ف ش م ف ˭ ي خ ¢

ε ɻ ŭ

ϖ ﻩ ‖ ϐ ٧ Ử غ م ב ד ¡ ك 1 ا ص ạ ع Ḿ ạ
ظ ؤ ̋O ő ‖ ϐ خ ا ش ‡ ʾḤ ä م ن ạ ĸ ʾl ‡
م ن ő ồ ق م م ن J ¡ ʊ ق م ă ٨ ̋Ω ‡ ɕ ⊁ ' ʒ ⊢ ا م ن
ạ خ ' ȂȀ ، ő ‖ † ك ا خ ' ، ~ ¡ Ö غ م ¡ ỉ ́E ي ت ạ ي م ο
e غ ج ¢ ، ẇ ج ي ي Ȝ h ŕ ' ồ ق م ا j o ¡ ä ɕ ⊁ ạ
ầ ٧ ا ¯ ‡ ¡ ȂȀ ئ ج ▲ ʊ ¡ ي م Ả ¡ ɹ ã̓ ا Ö
ظ ل ¢

本专业毕业生经过5年左右的职业历练，将达成以下培养目标：

培养目标1：‖ ΰ ∧ ا̓ د ¡ † ك ا خ ' ، ~ ¡ Ö
e غ ج ạ ỉ ́E ő ي ت ő ‖ Ö غ م ạ ʊ ، ~ ő ĸ ي م B
‡ ȂȀ ⊬ ר ¡ Ü ص م ạ ʊ ب ő ĸ ʾl ¯ ‡ ا ˊ ṗ Ö
ظ ل ¢

培养目标2：‖ خ ا ĸ ʾl ʾḤ ä م ن ő ĸ
ầ ɻ ٨ ɻ ă ő ‖ ϐ ồ ق م ا م ن J ¡ ʊ ق م ă ٨ ̋Ω ä ɕ ⊁

ا ٹ ٹ ا نم ά À ئ ő ĸ ، ẇ م ع ĸ ا ầ À ئ ▲ ʊ ﷺ Å ا ظ ل ¢

培养目标3: ‖ ٧ Ư ا ﻳ ¡ ك 1 ا ص ά ع Ḿ ¡ † ك ا ẇ ﷺ S ، ~ ά ظ ʾ H ا نم ő ، ẇ ĸ ‗ ‗ w À ئ Ḍ ¡ ص ά Ḍ ầ ا Ḣ ä ظ ل ¢

培养目标4: ‖ ٧ Ư ا غ ב ד ά ↓ Å ا ظ ₩ ¡ ص ά ₩ ά ش ₩ نم ő ‖ ʌ ا ầ ά ، ~ ő ‖ † ك ا Ö Ö نم ά ﷺ o ، ~ ő ، ẇ ĸ ĸ ا Ψ · ʊ ﷺ ﻍ ầ ا Ö Ö ظ ل ¢

Ᵽ ɻ ɬ

毕业要求1: ‖ س ا ي e Ã ¡ ظ ق Ã ά ¨ Ã ő ‖ ϐ ك 1 ا ص ά ع Ḿ ő ά ط ﷺ ◓ ¢ ‖ ﷺ ₅ 2 Š ٹ Ł ş

1.1 ى ¡ ~ ى ¡ ¡ ¡ غ ב ד ¡ ⌋ ¡ ˀ ا ظ ص ₩ ٧ ا ʾ Ḥ ä نم ő ‖ ϐ ظ ά ₩ ﻳ ¢

1.2 ' ص ά Ỹ ¨ Ã ő ى ב ד ă ę ő ك 1 ا ص ά ع Ḿ ő ط ◓ ¢

毕业要求2: خ ا ﻫ ¡ ŏ Ὼ ق ' ش ₩ ٧ ا ʾ Ḥ ä نم ά ʾ Ḥ ϖ خ À ، ¢ ‖ ﷺ ₅ ş

2.1 ﻫ ¡ ﻣ ή ' ٹ Ł ا ʾ Ḥ ä نم ő ♠ ᴿ ̣ ₭ خ ض ή ő ϖ e ̣ ̈ Ὼ ʾ Ḥ ϖ ﻣ ή ά ή ﺵ ٹ ⌋ Š

2.2 ŏ ¡ ق ا ʾ Ḥ ä نم ¡ ʾ Ḥ ϖ ˀ ά ʾ Ḥ ϖ خ À ، ¢

毕业要求3: ĸ ا ا ʾ Ḥ ϖ ̂ ʌ ¡ ʾ Ḥ ä نم ά ʾ Ḥ ϖ خ À ، ő ى ϖ ٧ ầ s ά ⌋ ă ¢ ₅ 3 Š ﻟ Ł ş

3.1 Ɜ ɦ ŕ ồ ɪ ¦ ¡ ´ ʌ ¡ Ủ j ȧ ʻ ڃ ɕ ⁒ ɪ Ḥ ɯ̂ ʎ Š

3.2 ‖ ϐ نم J ȧ ᴘ ɥ ˭ ồ قم ‴Ω ˭ ɪ Ȁ ، ȧ ʒ ɻ Š

3.3 نى κ ˈl ¡ ˭ Ψ · ‴ ‴ ȧ ˭ ẫ ˀ ˈ Ḥ ɯ ʒ ¡ s ȧ ɻ ẵ ¢

毕业要求 4: ، ẇ κ ˈl ᵸ Ḥ ɯ̂ ʎ ȧ ʒ ɻ ő س ڃ ! ¡ ˢ ȧ ∏ κ ᵸ ɪ å ﻩ ő ﻩ ɳ ɪ ɔ s ¡| ȧ ₆ ⊥ ʒ ⁀ ¢ ‖ ﻩ ﻩ ş

4.1 شي Ḥ ɯ̂ ʎ ȧ Ȁ ، ő ɔ Ɜ ɦ ŕ ồ Ⱪ ¦ ȧ ´ ʌ ¢

4.2 š ┼ Ɜ ɦ ŕ ồ ɪ ʊ قم ẵ ʎ ő ɔ ‖ ﻩ ⁀ . Ⱪ ˢ ¡ ∏ ő ﻩ ɳ ˭ ʻ ڃ قم Ψ ɪ ɔ s ¡| ȧ ₆ ⊥ ʒ ⁀ ¢

毕业要求 5: ┼ شي ï ⅛ نم ő ، ẇ ڜ ج Ш C κ ˈl ↰ ɪ ﻩ ŐИ Ḥ ɾ ‖ ϐ ϖ ↰ ɪ نم Ȁ ﺋ Ö ، ~ ¢

5.1 ، ẇ ʊ ¡ C ¡ ¡ ٩ ‟ κ ˈl ↰ ɪ ȧ ﻩ ő И ﻩ ɳ Š ﻁ ₆ Š

5.2 ‖ ﻫ Ⱪ ɨ e ﻍ ‴Ω Ö Ö ، ~ ő ، ẇ ϖ ↰ Ö ﻏ ◦ ő ‖ ▲ Ö ڃ ȧ ʊ ɪ Ḥ ɯ Ȁ ، ¢

毕业要求 6: ى ↰ ˌ Ȁ ﺋ ȧ ˢ Ţ ‖ ɔ κ ˈl ‴Ω ﷺ ↰ ɪ ﻫ ┼ Ⱪ ﺛ ‴Ω ¡ ˀ ȧ ﻝ ή ˢ ő \ ₆ ϖ گ ᴮ ص ȧ ʊ ﺓ ﻥ ¢

6.1 ، ẇ ˌ Ȁ ﺋ Ⱪ κ ˈl ↰ ɪ ‴ سي ¡ ↰ ɥ ő \ ₆ κ ˈl ‴Ω ﷺ ↰ ɪ گ ᴮ ص ȧ ʊ ﺓ ﻥ Š

6.2 ، ẇ ồ قم ᵋ ή ! ī ﻝ ˈ ˌ Ȁ ﺋ ‴Ω ˢ ʒ ɻ ő ɔ κ ˈl ᵸ ↰ ɪ ﻫ ┼ Ⱪ ﺛ ‴Ω ¡ ˀ ȧ ﻝ ή

ʂ ő Ḏ κ ʻl ꓘ ı ꓶ ∏ ̈Ω̣ قم Ψ نخ ʻ ¢

毕业要求 7: ‖ ‡ ڭ ı S˛ ¡ ẁ فخم † ꓘ ، ˜ ȧ يمم ᵒ نم ő يمم ᵒ ̈Ą ᴮ ʁ ȧ ̈Ḥ̣Ω̣ ¢

7.1 ‖ ‡ ڭ ı ḥ مجد ¡ نز Ł S˛ ʻ ، ˜ ő ، ẇ لحي ¡ صم ạ̇ u̯ ȧ ã̈ ̓ e ̆ Ꝁ ẁ فخم † ꓘ Š

7.2 يمم ᵒ ، ẇ يمم ᵒ ꓘ ᴮ † ꓘ ¡ ᴘ ȁ ő ‖ ɓ ꓘ Ṷ ı يمم ᵒ ȁ ، ˜ ő يمم ᵒ ̈Ą ᴮ ʁ ȧ ̈Ḥ̣Ω̣ ¢

毕业要求 8: ‖ ▲ يجي ı ỉ ́E تي ő ، ẇ ф κ ʻl ỉ ́E † ꓘ ȁ ¢

8.1 ꓘ 6 κ ʻl ỉ ́E ʁ ᴮ صر ő ȁ خ ب ꓘ نج ʻ خ ¡ نج ·ʻ خ ̈Ω̣ قم ʻ خ ʻ ˝ جمد Š

8.2 ̈Ḥ̣Ω̣ ф ỉ ́E † ꓘ ő ̓ 6 ȧ يم e б لحي ő ᵟ ȧ Ꞓ ő ‖ б لحي ő ï ⅛ ▲ κ ʻl ȁ ı † ꓘ ȁ ، ˜ ¢

毕业要求 9: ئم ȧ طم نم ő ‖ ɓ б ! بز ʁ ı ، ˜ ̈Ω̣Ö Ö ، ˜ ¢

9.1 ، ẇ ő б ! Ṫ ¡ ئج فمي نم 5 ẅ ¢

9.2 ، ẇ ã̈ ̓ ő فخم Ọ б ! ő ‖ ɓ‡ ڭ ı بز صم ạ̇ ̈Ω̣ ꓶ À ئح ʁ ı ، ˜ ¢

S1 ϑ ب ᵓ ᵣ ǻ Ђ ı ʒ ǎ ˩

ŭ / ƙ	1	2	3	4
要求 1	√	√	√	√
要求 2	√	√		
要求 3		√	√	√
要求 4	√	√		
要求 5	√		√	
要求 6	√	√	√	√
要求 7		√	√	√
要求 8	√			√
要求 9	√	√	√	√

غ ɻ

（一）专业核心课程

ﺗﻔ ﺗﻔ ʒ ʾ ʾ ʒ ʾ ʾ ﺗﻔ ﺗﻔ ɒ ɦ ʾ ʾ ɒ ɦ

ʾ ő κ ʿl ʾ ʿ ʿ ȧ قم ɛ ʿ ¢

（二）主要实践性教学环节

ﺗﻔ ﺗﻔ ɒ ɦ ¯ ﺧ ʾ ﺗﻔ ﺗﻔ ʒ ʾ ¯ ﺧ ʾ ʾ ɒ ɦ

¯ ﺧ ʾ ʾ ʒ ʾ ¯ ﺧ ʾ ʾ ʾ ¯ ﺧ ʾ κ

ȁ ﺧ ʿ ʾ κ ʿl ♪ Ƙ ʎ ¢

（三）专业ñ阅读计划ò资源

1. ﭽ ő ˛ ƕ ő رسول ǎ Š ψ ™ ﻭﻫ ˜l ﺯ ˥ Š 2020

2. ɒ ɦ ñ ō п ϖ Ǒő ʅ в ƕ ő ﺍ ﺷ ʿ Š ʿl ƙ ɦ Ξ ﺻ ő 2011

3. ŋ ⅝ ı Ӭ ﺳﻤ ő ˝ ى ƕ L▫ ﺪ ő ς ˜ Š ỉ ـّ ث ɦ Ξ ﺻ ő

2015

4. ò κ ő ⊿ ő v ˜l ő ő ı ¯ ﺝ ﺡ ° ˭ ٧ ã̃ ö ﺭ ¯ κ ő ˭ ₩ ò ˭ ٧ ¯ κ ő ő ı ¯ ң Ξ ﺹ ő

2023

5. ˀ ₩ ɔ˝ ˜Ң ώ ő ɼ ¨ ő ﺝ ∩ ő ٦ ő ﻯ Ő ﻁ ∩ ң Ξ ﺹ ő 2005

6. ˛ ˭ À ﺡ ʒ ﻧ ő ﻳ ī ٧ ı ő ŏ Ţ ң Ξ ﺹ ő 2014

（四）课程体系对毕业要求支撑

κ ˈl ﻉ ʒ ⁀ ♪ Ƙ ﺱ ﺽ ﻁ ϖ ő ⊤ ő ﺥ Ł ﻣ Ӄ ﻱ ¯ ı ˈҢ ϖ ő ˀ ﻝ ﺥ ˈ ₅ ä ő ﻉ ﺹ ά ﺏ ﺯ ı κ ˈl ´ ṗ ¡ ¡ Ḣ ä ¡ Ö ﻁ ﻝ ı ð Ъ ¢

κ ˈl ﺡ ﺙ ϖ ₩ ő ɱ ﷺ ﺏ 170 ﷺ ő ε ⊢ ﻓ ﻧ ﻡ ¯ ¡ ¯ ¡ ﻲ ¯ ¢ ɳ S 1 ¢

♪ Ƙ ﺱ ı ĸ Ş κ ˈl ♪ Ƙ ﺱ ε ⊢ ﻓ ﻧ ﻡ ¯ ¯ ¡ ˀ ﻝ ¯ ﺥ ¯ ¡ ♪ ﺵ ¯ ♪ ﻱ ﺥ ˈ ı ő ﻉ ﻡ ، ˜ ð Ъ ő ﻲ ﺝ ﺝ ő ä ﺝ ά ₆ ⊥ ˭ ﻡ Ψ Ɜ h ồ ﷺ ı ﺝ ı ، ˜ ¢ ĺ ♪ Ƙ ﺱ ⌣ ʒ ˀ ﺽ ﺝ \ š ♪ Ƙ ũ ı ầ ¡ ﻙ ő \ ˀҢ ä ¯ ά ﺥ ﺥ ˈ ő ﺝ ң \ ˭ ﻡ À ﺡ ά À ﺡ ¢ κ ˈl ﻍ Ọ ð ﺙ ı ¯ ﺥ ˈ ﻲ ő ﺱ \ ﺏ ñ ﻧ ﻓ ﻫ Ɜ ˀ ò ¡ ñ ˭ Ɜ ˀ ò ¡ ñ ﻧ ﻓ ﻫ ם h ò ¡ ñ ˭ ם h ò ñ ő κ ˈl ò ñ ﻡ ﷺ ò ά ñ ¨ ò ﻗ ˀ ♪ Ƙ Ỹ ♪ Ƙ ﺱ ¢ ϖ ı ♪ Ƙ ﺱ ᵓ ﻍ ﺏ ı ʒ ˩ S ˝ Ọ ﻕ ᵀ ˆ ı ┼ ¡ ᵓ ﻍ ﺏ ı ʒ ầ Ψ ﺥ ﺉ ﻡ ş

ث ɋ ō ٹ1-2Ŏ

ϖ ث غم ´ ♪ Ƙ ȧ بھ ¡ ő ¡ ڃي ¡ ■ يي

ﺴﺠﺪ ´ ♪ Ƙ ı ¢ غم ⌋ ∧´ ı ♪ Ƙ ضج ő ہ قم ‖ ﻣﻰ Ḿ ¡

ع Ḿ ȧ ⌋ ∧ نم ő Ḥ Ὼ ή صم ɋ ، ∨ ő ʒ ʊ ب1 ő

5 ő 7 ő 8 ȧ 9 Š ■ يي ﺴﺠﺪ ´ ♪ Ƙ ı ضج ő ʒ ʊ ب1 ő 7 ő

8 ȧ 9 Š ´ ♪ Ƙ ı ضج ő ʒ ʊ ب6 ő 8 ő 9 Š بھ ¡ ő

´ ₩ Ḥ ä ♪ Ƙ ı ضج ő ʒ ʊ ب2 ȧ 5 ¢

Ⱡ ث ɋ ō ٹ3-4Ŏ

Ĥ نم فخم ¯ ♪ Ƙ ȧ ₩ Ḥ ä ♪ Ƙ ı Ḥ ä ﻯ ő ▲ ضج

Ḥ ä ♪ ő Ỹ ♪ ı м ∧ Ḥ ä ¢ Ḥ ä ♪ Ƙ ő

b ʒ ʊ ب3 ȧ 4 ő ϖ قم ϶ ıı ﻛﺪ ٹ ñ ﻧ فخم 3

ﺩ نخ ò ȧ ñ ﻧ فخم ⊔ h ı ¯ نخ ò ı نخ ' ♪ Ƙ ő . قم ɔ

ı ع نم ő ¡̂ ك B ثم ، ˜ ہ ő ʒ ʊ ب1 ő 3 ő 4 ő 5 ő 6 ȧ

7 ¢

ﻷ ث ɋ ō ٹ5-6Ŏ

Ĥ ڃي ﻚ Ḥ ä ♪ ı Ḥ ä ﻯ ő ϖ ث ڃي ﻚ Ỹ

♪ ı ﺍ ﻝ نخ ő И ñ ﺎ 3 ﺍ ò ¡ ñ ﺎ ⊔ h ò ¡

ñ ő к ' l ò ȧ ñ к ' l ȧ نخ ' ò ı ¯ نخ ' Ą B ¢

Ỹ ♪ ʒ ʊ ب3 ő 4 ő 5 ȧ 9 ¢ ϖ قم ϶ ıı ﻝ ٹ

ā ▲ هي ʊ ﻝ ı ∏ Ţ ı ıı 6 g ő χ ٹ Ũ ڃي ﻚ ♪ Ƙ ﻝ

ı ¯ Ą B ő ıı ϵ ٹ ▲ ıı ϸ 6 g ő ʊ نخ ∖ ˝ ﻷ ˝

ﻛﺪ ث ő ő b ʒ ʊ ب3 ő 4 ő 5 ő 6 ő 7 ȧ 9 ¢

ﻛﺪ ث ɋ ō ٹ7-8Ŏ

ϖ ث ıı ٹ ı ع ڃي ئى ﻚ e ﷺ ﻣﻢ Ὼ ♪ ı

ő ıı ϵ ٹ ڃي ﻚ ʊ نخ ı ıı ϸ 6 g Ţ ő к ' l

2گّ ɔ ِ گ ﺝﺝ ﺵ ﻯ ٦ ĸ ﺍ ʊ ¢ ʊ نخ ʊ ĸ ﻓﻤﻲ ﭧ T گّ قم

إ . , كي ٩ ¡ Ķ ' ő ʊ گّ ﻓﻤﻲ ĸ ʊ ﺍ ِ ɔ ¢

2 ♪ Ƙ ɔ ɡ ب ا ʒ ȁ ⌟

ƙ / o	1		2		3			4		5		6		7		8		9	
	1.1	1.2	2.1	2.2	3.1	3.2	3.3	4.1	4.2	5.1	5.2	6.1	6.2	7.1	7.2	8.1	8.2	9.1	9.2
M #Fƒ ç ># "ë	H	H															H	M	M
Pœ { M k y * \ Ï*6	H	H								H							L		M
] -F)à "4â?±	H	M															L		M
" #- L M # ¼] -(©8¢/n J k y*6Aê ƒ3+ ²Aê	H	M								L								L	M
•F £ à &] -(©8¢/n J k y M # ²Aê	H	M								L								L	M
’ ï > o1†	H	M															L	M	M
W –+O - æ ¹ ˜ ‰6â	H	M															L	M	
Ë »*6Aê		H													M				
W –+O ó*6 • ç ‰6â		M												H	H				
žFJ ƒ6âB.		H													H				

ƙ / o	1		2		3			4		5		6		7		8		9	
	1.1	**1.2**	**2.1**	**2.2**	**3.1**	**3.2**	**3.3**	**4.1**	**4.2**	**5.1**	**5.2**	**6.1**	**6.2**	**7.1**	**7.2**	**8.1**	**8.2**	**9.1**	**9.2**
=(™ – ÎP¼ Ä =(™@ † Å				M	L	L													
=(™ – ÎP¼ Ä =(™ 62« Å				H	L	L													
4ï W B			H						L				L						L
²)·5 AÑ B			H						L				L						L
9 j F –				M							M		M						
+O(™ F –B				H					L		M		M						
=(™+O*6 –B				M							M		L						
F‡ P – B				M				L	L		M								
Ì J Þ+O(™ –				M		L			L										
6 €+O(™ –B				M					L										
+O(™ F – ÎP¼B				M					L		L		M						
=(™+O*6 – ÎP¼B				L							L		L						

ƙ / o	1		2		3			4		5		6		7		8		9	
	1.1	**1.2**	**2.1**	**2.2**	**3.1**	**3.2**	**3.3**	**4.1**	**4.2**	**5.1**	**5.2**	**6.1**	**6.2**	**7.1**	**7.2**	**8.1**	**8.2**	**9.1**	**9.2**
F‡ P – ÎP¼ B				L				L			L								
Ì J Þ+O(™ – ÎP¼				L		L			L		L								
Œ(™ m) –				M	H	M			H	M	M							L	L
žFJ =(™+õ*6 –					H		M	H	M	M		M				M		L	L
žFJ =(™+õ*6 – ÎP¼					M	H		M			M		M		L				
žFJ 6<› –					H		M	H	M	M		M				M		L	L
žFJ 6<› – ÎP¼					M	H		M			M		M		L				
Ì J+O 1 –				L	L				L		M		M						
B P¼AîAÑ >5 AÑ 6 ÀB			L								L		H						
Ì J =(™+õ*6 –					H	M	L	H	M	H		M				H		M	M
Ì J =(™+õ*6 – ÎP¼					M	H		M	L		H		M		L				
Ì J 6<› –					H	M	L	H	M	H		M				H		M	M

ƙ / o	1		2		3			4		5		6		7		8		9	
	1.1	**1.2**	**2.1**	**2.2**	**3.1**	**3.2**	**3.3**	**4.1**	**4.2**	**5.1**	**5.2**	**6.1**	**6.2**	**7.1**	**7.2**	**8.1**	**8.2**	**9.1**	**9.2**
Ì J 6<› – ÎP¼					M	H		M	L		M		M		L				
=(™ F – Ô					H	M	H		H	H		M				H		M	M
=(™ F – Ô ÎP¼					L	H			L		H		M		L				
+O(™Lb"ë					H	L			H	L	M	M				H		M	M
=(™ ð+Û –					H	M	H	H	M	M		M	L			H			
- F = .D0¦ Ä üB Å					M	M	L	M	M	H	H	M	M			H	H	L	L
6<›.D0¦ ° _					H		H	H		M	M	L	L						
=+õ.D0¦ ° _					H		H	H		M	M	L	L						
Ø;ÿ(™ 6<› –					H		H		M	M	L					H		L	L
Ì9Ÿ+O(™#{ Ê						H	H		H	M	M					H		M	L
6<›+O 1 > ã<›N´#{N´ Õ					H	H	H	H	H	M	M	M	M			L	L		
=+õ#q>| >#{ Õ					H	H	H	H	H	M	M	M	M			L	L		

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	1.1	**1.2**	**2.1**	**2.2**	**3.1**	**3.2**	**3.3**	**4.1**	**4.2**	**5.1**	**5.2**	**6.1**	**6.2**	**7.1**	**7.2**	**8.1**	**8.2**	**9.1**	**9.2**
=(™ Ô –0 }"ï CNÈAâ ×										M	M	L	L	M	M	H	H	H	H
O >6Õ É –				M	H	M			H	M	M							L	L
Ì+` r9y >LbL”					H	H	H	H	M			L	L			M	M		
Ì9Ÿ:UK0 –							H		M					H	H	L	L	L	L
Ì J=Ø2« –					H			H								M	M	L	L
=(™ Ô – C J9!B					H	H	M	M	M	M	M			L	L	H	H	L	L
• å+O(™ – 1						M	M			L	L	H	H			H	H		
1 J1Ñ*6 –							H		M					H	H	L	L	L	L
8 <#							H		M					H	H	L	L	L	L
= j à ú Ä+X									H				H			M	M	L	L
=(™ ð+Û*6Aê > é#						M	M			L	L	H	H			H	H		
Œ(™ ˜0; F – Ô					H	H	M	H	H				M			L	L		

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	1.1	**1.2**	**2.1**	**2.2**	**3.1**	**3.2**	**3.3**	**4.1**	**4.2**	**5.1**	**5.2**	**6.1**	**6.2**	**7.1**	**7.2**	**8.1**	**8.2**	**9.1**	**9.2**
Ì9Ÿ1Ñ*6 –							H		M					H	H	L	L	L	L
ª — =					M	M		M	M	L	L	H	H			H	H		
Ÿ ð3R > Y+X												H	H			M	M	L	L
Ë » °7-		H													M				
ã Ø ÎD%		M													H				
ƒ6â • ç > 7 ö#{B		H													H				
M o/n J ÎD%	H	M																	
W –+O/n J ÎD%		M			M	L	L			L				H	H				M
žFJ =(™+õ*6 – ‰ – Î •						M		M	M	L	L	L		M	H			L	
žFJ 6<› – ‰ – Î •						M		M	M	L	L	L		M	H			L	
Ì J =(™+õ*6 – ‰ – Î •						M		H	H	L	M	M		M				L	
Ì J 6<› – ‰ – Î •						M		H	H	L	M	M		M				L	

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	1.1	**1.2**	**2.1**	**2.2**	**3.1**	**3.2**	**3.3**	**4.1**	**4.2**	**5.1**	**5.2**	**6.1**	**6.2**	**7.1**	**7.2**	**8.1**	**8.2**	**9.1**	**9.2**
Ì9Ÿ – ‰ – Î •						M	M		L	L	M	M		M				L	
= C J5, 8 ÎD%						H		M	H	L	L	M	M	M	H			L	L
=(™ ÔB.0;Aê ·								M	H			M	M	M		L			
K à K J ÎD%										H	H	H	H	M	M		M	M	M
" J Î • ú Õ z						H	L	H	H	H	H	M	H	H	M			L	M
" JAê · (AîAÑ)						M	L	M	H	H	H	H	H	H	M			M	M

şHōő Ŏ ¡ M( ) ¡ Lō ɲ ŎòS يج ♪ Ƙ ɔ ɘ ب ا ʒ ڭ ᵇ ō ʒ ڭ ᵇ ئى ɔ ɘ ب c ا ʒ ˜ ᵇ ¢

ˇ ɻ ⊣

ϑ ʂ ϭ ثى 170 ʂ ő ڤ ϰ ♪ 141 ʂ ¡ ♪ 29

ʂ ¢ نخ ˈ ¯ ʂ 49.65 ʂ ō ộ я نخ ♪ 21.15 ʂ ά نخ

ˈ ¯ ủ ⁹ 28.5 ʂ ő ڤ ˀ ʎ ♪ شي ộ ı نخ نخ ʂ ‿ شي ˀ

ʎ ♪ ص Ƙ ǔ ثم Ŏő ʂ 29.21% ¢

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（一）通识教育必修课程

⌋	`	o	⊣					
M # o "ë2«	BK106009	M #Fƒ ç ># "ë Ideology and morality and rule of law	2	32	24	8	1	PœL’
	BK106006	Pœ { M k y * \ Ï*6 Basic Tenets of Marxism	3	48	48	0	2	PœL’
	BK106007	] -F)à "4â?± Compendium of Chinaôs Recent and Modern History	3	48	36	12	2	PœL’
	BK106011	" #- L M # ¼] -(©8¢/n J k y*6Aê ƒ 3+ ²Aê Introduction to MAO Zedong Thought and Theoretical System of Socialism with Chinese Characteristics	2	32	32	0	2	PœL’
	BK106013	•F £ à &] -(©8¢/n J k y M # ² Aê Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	3	48	48	0	1	PœL’
	BK100021	’ ï > o1† 1 Situation and Policy 1	0	8	8	0	1	PœL’
	BK100022	’ ï > o1† 2 Situation and Policy 2	0	8	8	0	2	PœL’

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	BK100023	’ï > o1† 3 Situation and Policy 3	0	8	8	0	3	PœL’
	BK100024	’ï > o1† 4 Situation and Policy 4	0	8	8	0	4	PœL’
	BK100025	’ï > o1† 5 Situation and Policy 5	0	8	8	0	5	=
	BK100026	’ï > o1† 6 Situation and Policy 6	0	8	8	0	6	=
	BK100027	’ï > o1† 7 Situation and Policy 7	0	8	8	0	7	=
	BK100030	’ï > o1† Situation and Policy	0	8	8	0	8	=
国家安全类	BK106010	W –+O - æ ¹ ˜ ‰6â National Security Education	1	16	16	0	1	œ1Ñ
军事国防类	BK110001	Ë »*6Aê Military Theory	2	32	32	0	1	–
心理健康类	BK106012	W –+O ó*6 • ç ‰6â Mental Health Education	2	32	16	16	1	–
体育健康类	BK108001	žFJ ƒ6âB. 1 General P.E.1	1	32	0	32	1	ƒ6â
	BK108002	žFJ ƒ6âB. 2 General P.E.2	1	32	0	32	2	ƒ6â
信息技术类	BK166007	W –AÑ1Ç j *.p University Computer Foundation	1.5	24	24	0	1	Ÿ
	BK166008	W –AÑ1Ç j *.p ÎP¼ Experiments of University Computer Foundation	0.5	16	0	16	1	Ÿ
职业发展类	BK100012	W –+O6| J+O#ß?ô B College Students Career Planning	1	16	16	0	1	–
	BK100013	W –+O K à K J ‰6â College Students Innovation and Entrepreneurship Education	2	32	32	0	3	–

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	BK100014	W –+O a J ‰6â College Students Employment Education	1	16	16	0	6	–
外国语言类	BK109028	W –9!B B+ É 1 College English: Reading and Writing 1	2	32	32	0	1	FB
	BK109030	W –9!B \B$ 1 College English: Listening and Speaking 1	1	16	16	0	1	FB
	BK109029	W –9!B B+ É 2 College English: Reading and Writing 2	2	32	32	0	2	FB
	BK109031	W –9!B \B$ 2 College English: Listening and Speaking 2	1	16	16	0	2	FB
	BK109032	W –9!B F Lf 1 Progressive College English 1	2	32	32	0	3	FB
	BK109033	W –9!B F Lf 2 Progressive College English 2	2	32	32	0	4	FB
合计学分			38					

（二）通识教育选修课程

℅	ㅓ				¦ ㅓ
四史教育类	1	16	16	0	1
艺术审美类	1	32	32	0	2
体育健康类	1	32	0	32	2
综合素养类	1	16	16	0	2
合计学分	7				

Ö5, 83Þ «2«B.0; Q ‡ *AÞ ê ·/n0 2« C J –+O B+8 'f0 –B.0; È*6 Ì k0 C J –+O B+/n0 2«B.0; Ä

（三）学科基础课

、	o	ㅓ					
BK103004	Q 1y – C Advanced Mathematics C	4	64	64	0	1	Ÿ

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BK101001	j ú 6 À F – 1 Inorganic Â Analytical Chemistry 1	2.5	40	40	0	1	F –
BK101004	*.p F – ÎP¼ 1 Basic Chemistry Experiments 1	1.4	45	0	45	1	F –
BK035001	=(™ – Botany	2.5	40	40	0	1	+O0
BK035002	=(™ – ÎP¼ Ä =(™@ † Å Botany Experiments ÄPlant Anatomy Å	0.5	16	0	16	1	+O0
BK103013	4ï W B Linear Algebra B	2	32	32	0	2	Ÿ
BK103016	²)·5 AÑ B Probability Theory and Mathematical Statistics B	3	48	48	0	2	Ÿ
BK101002	j ú 6 À F – 2 Inorganic Â Analytical Chemistry 2	2	32	32	0	2	F–
BK101003	9 j F – Organic Chemistry	2.5	40	40	0	2	F–
BK101005	*.p F – ÎP¼ 2 Basic Chemistry Experiments 2	1.4	45	0	45	2	F–
BK009046	Ì J Þ+O(™ – Agricultural Microbiology	2.5	40	40	0	2	=
BK009047	Ì J Þ+O(™ – ÎP¼ Experiments of Agricultural Microbiology	0.8	26	0	26	2	=
BK035004	=(™ – ÎP¼ Ä =(™ 62« Å Botany Experiments ÄPlant Taxonomy Å	0.5	16	0	16	2	+O0
BK035005	+O(™ F –B Biochemistry B	3	48	48	0	3	+O0
BK035006	+O(™ F – ÎP½B Biochemistry Experiments B	1.2	38	0	38	3	+O0
BK035003	6 €+O(™ –B Molecular Biology B	1.5	24	24	0	3	+O0
BK009038	žFJ =(™+õ*6 – 1 General Plant Pathology 1	2.3	38	38	0	3	=
BK009014	žFJ =(™+õ*6 – ÎP¼ 1 General Plant Pathology Experiments 1	0.6	18	0	18	3	=

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BK009039	žFJ 6<› – 1 General Entomology 1	2.2	36	36	0	3	=
BK009040	žFJ 6<› – ÎP¼ 1 General Entomology Experiments 1	0.5	16	0	16	3	=
BK006006	Ì J+O 1 – Agricultural Ecology	2	32	32	0	3	Ì –
BK103023	B P¼AîAÑ >5 AÑ 6 À3 Experimental Design and Statistical Analysis B	2	32	32	0	3	Ÿ
BK061006	=(™+O*6 –B Plant Physiology B	3	48	48	0	4	+O0
BK061007	=(™+O*6 – ÎP¼B Experiments of Plant Physiology B	0.8	26	0	26	4	+O0
BK006008	F‡ P – B Genetics B	3	48	48	0	4	Ì –
BK006009	F‡ P – ÎP¼ B Genetics Experiments B	0.8	26	0	26	4	Ì –
BK009013	žFJ =(™+õ*6 – 2 General Plant Pathology 2	1.4	22	22	0	4	=
BK009015	žFJ =(™+õ*6 – ÎP¼ 2 General Plant Pathology Experiments 2	0.4	12	0	12	4	=
BK009009	žFJ 6<› – 2 General Entomology 2	1.4	22	22	0	4	=
BK009041	žFJ 6<› – ÎP¼ 2 General Entomology Experiments 2	0.5	16	0	16	4	=
BK006040	Œ(™ m) – Crop Cultivation	2.5	40	32	8	4	Ì –
合计学分		54.7					

（四）专业核心课

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BK009005	Ì J =(™+õ*6 – Agricultural Plant Pathology	3.4	54	54	0	5	=

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BK009007	Ì J =(™+õ*6 – ÎP¼ Agricultural Plant Pathology Experiments	1	32	0	32	5	=
BK009001	Ì J 6<› – Agricultural Entomology	3.4	54	54	0	5	=
BK009003	Ì J 6<› – ÎP¼ Agricultural Entomology Experiments	1	32	0	32	5	=
BK009021	=(™ F – Ô 1 Plant Chemical Protection 1	1.8	28	28	0	5	=
BK009023	=(™ F – Ô ÎP¼ 1 Plant Chemical Protection Experiments 1	0.5	16	0	16	5	=
BK009030	+O(™Lb"ë Biological Control	2.5	40	32	8	5	=
BK009025	=(™ ð+Û – Plant Quarantine	2	32	26	6	5	=
BK009022	=(™ F – Ô 2 Plant Chemical Protection 2	1.7	28	28	0	6	=
BK009024	=(™ F – Ô ÎP¼ 2 Plant Chemical Protection Experiments 2	0.5	16	0	16	6	=
BK009048	- F = .D0¦ Ä üB Å Research of Plant Protection in Abroad	2	32	32	0	6	=
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（五）专业方向课

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XF009005	6<›.D0¦ ° _ Research Techniques of Entomology	2	32	26	6	5	=	C J »	8# AF9 22 – 6
XF009018	=+õ.D0¦ ° _ Research Techniques of Plant Pathology	2	32	16	16	5	=	C J »	
XF057011	Ø;ÿ(™ 6<› – Stored Product Entomology	1.5	24	24	0	5	=	C J »	

XF009006	Ì9Ÿ+O(™#{ Ê Pesticide Bioassay	2	32	24	8	6	=	K à »	
XF009017	6<›+O 1 > ã<›N´#{N´ Õ Insect Ecology and Pest Forecast	2	32	24	8	6	=	C J »	
XF009019	=+õ#q>| >#{ Õ Plant Disease Epidemic and Forecast	2	32	24	8	6	=	C J »	
XF057012	=(™ Ô –0 }"ï CNÈAâ × Research Frontier on Plant Protection	1.5	24	24	0	6	=	K à »	
XF013010	O >6Õ É – Soil Science and Fertilizers	2	32	32	0	7	Ct)ß	C J »	
XF010001	Ì+` r9y >LbL” Farmland Weeds and Control	2	32	32	0	6	=	C J »	
XF010004	Ì9Ÿ:UK0 – Pesticide Marketing	2	32	32	0	6	=	… »	
XF057013	Ì J=Ø2« – Agricultural Acarology	2	32	32	0	6	=	… »	
XF009012	=(™ Ô – C J9!B Academic English for Plant Protection	2	32	32	0	7	=	C J »	
XF157009	• å+O(™ – 1 Invasion Biology 1	1.5	24	24	0	7	=	C J »	
XF027023	1 J1Ñ*6 – Enterprise Management Science	2	32	32	0	7	4ÿ1Ñ	… »	
XF037002	8 <# Contract Law	2	32	24	8	7	·#	… »	
XF057014	= j à ú Ä+X Machinery and applications of fores protection	2	32	24	8	7	=	… »	
XF057015	=(™ ð+Û*6Aê > é# Plant Quarantine Theory and Method	1.5	24	24	0	7	=	K à »	
XF057016	Œ(™ ˜0; F – Ô Chemical Protection in Crop Whole Period	2	32	32	0	7	=	C J »	
XF057017	Ì9Ÿ1Ñ*6 – Pesticide Management	1.5	24	24	0	7	=	… »	
XF057018	ª — = Intelligent Plant Protection	2	32	32	0	7	=	K à »	

XF107005	Ÿ ð3R > Y+X C Information Retrieval and utilization C	2	32	18	14	7	. –O¶	K à »	
合计学分		39.5							

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（六）实践教学环节

	ש	ο	⅃	⅄...			
基础实践	BS110002	Ë » °7- Military Skills	2	2	1	–	
	BS009028	ã Ø ÎD% Field Work	1	1	1	=	
	BS108002	ƒ6â • ç > 7 ö#{B 1 Sports Health and Standard Tests 1	0.1	0.1	4	ƒ6â	
	BS108003	ƒ6â • ç > 7 ö#{B 2 Sports Health and Standard Tests 2	0.2	0.2	6	ƒ6â	
	BS108004	ƒ6â • ç > 7 ö#{B 3 Sports Health and Standard Tests 3	0.2	0.2	7	ƒ6â	
	BS106003	M o/n J ÎD% Social Practice of Ideological and Political	2	4	4	PœL’	
	BS017022	W –+O/n J ÎD% Social Practice and Survey	1	1	3	=	
专业实践	BS009005	žFJ =(™+õ*6 – ‰ – Î • Teaching Practice on General Plant Pathology	1.5	1.5	4	=	
	BS009004	žFJ 6<› – ‰ – Î • Teaching Practice on General Entomology	1.5	1.5	4	=	
	BS009003	Ì J =(™+õ*6 – ‰ – Î • Teaching Practice on Agricultural Plant Pathology	1	1	5	=	
	BS009002	Ì J 6<› – ‰ – Î • Teaching Practice on Agricultural Entomology	1	1	5	=	
	BS010003	Ì9Ÿ – ‰ – Î • Teaching Practice on Pesticide Science	1	1	6	=	

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	BS009008	= C J5, 8 ÎD% Comprehensive Practice on Plant Protection	1.5	1.5	6	=	
	BS009010	=(™ ÔB.0;Aê · Course Essay for Plant Protection	0.5	0.5	5	=	
综合实践	BS009013	K à K J ÎD% Innovative and Entrepreneurial Practice	2	2	7	=	
	BS009029	" J Î • ú Õ z Graduation Practice and Report	7	20	8	=	
	BS009012	" JAê · (AîAÑ) B.A. Thesis Writing (Design)	5	5	8	=	
合计学分			28.5				

（七）实践教学活动时间分配表

˜ !Q – ¤		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
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	1\ 2 – O														×						Ö	#	#	#	#	#	#		
¼	1\ 3 – O																				Ö	#	#	#	#	#	#		
	1\ 4 – O													4 ž+õ ž<› Î •				4 ž+õ Î •	4 ž<› Î •		Ö	#	#	#	#	#	#		
9	1\ 5 – O	4 Ì+õ Î •	4 Ì<› Î •																	4 /2 B.0; Aê ·	Ö	#	#	#	#	#	#		
	1\ 6 – O										Ö	4 5, 8 ÎD%	4 /2 5, 8 ÎD%	4 F Î •	Đ	Đ	Đ	Đ	Đ	Đ	Ö	#	#	#	#	#	#		
	1\ 7 – O																				Ö	#	#	#	#	#	#		
	1\ 8 – O	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	Đ	‖											

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Ẑ /ҿ ɹ ◙ Ï ñ 4 /ò ╥ ᵑ ٪... й Жñ/ 4 ò u ᵑ ٪... й ɾ

2 ɻ ˇ Ґ ↔ ñ ò ɾ E ñ 4 òҿ й Ï 1 ٪...Жñ 4 /2 òҿ 0.5 ٪... Ï ر ╥ ᵑ ٪...Жñ/ 4 /4 òҿ 0.25 ٪... Ï ر u ᵑ ٪...