



## 衡水学院课程对接说明

### Hengshui University: Statement of Curricular Alignment

Hengshui University recognizes that our internal academic structure does not traditionally classify courses into "lower" and "upper" level curriculum. However, as part of our partnership with the University of Central Missouri (UCM), HSU has conducted a thorough curriculum review to identify coursework that meets the high standards of advanced mathematical study.

衡水学院声明，我校内部的学术体系并未将课程传统定义上划分为“低阶课程”和“高阶课程”。然而，作为美国中央密苏里大学（UCM）的合作院校，衡水学院已开展全面的课程审查，以确定符合高等数学研究高阶的课程。

Based on this review, HSU officially designates and recognizes the courses listed below as Advanced/Upper-Level course requirements at our institution. This designation is based on each course's direct alignment with UCM's 3000–4999 level courses and their compliance with the specialized syllabi and learning outcomes required by the UCM Department of Mathematics, Actuarial Science, & Statistics. Through this certification, HSU confirms that these courses provide the depth, theoretical complexity, and academic rigor to be considered upper-division courses at HSU and satisfy the degree requirements for this partnership.

基于此次审查，衡水学院正式认定并认可以下课程为我校的高阶/高级课程。此项认定基于每门课程与中央密苏里大学 3000-4999 级课程的直接对接，以及它们符合中央密苏里大学数学、精算科学与统计学系规定的专业教学大纲和学习成果。通过此项认定，衡水学院确认以下这些课程具备我校高年级课程所需的深度、理论复杂性和学术严谨性，并满足该合作项目的学位要求。

课程编号 Course Code	课程名称（中文） Course Name(CN)	课程名称（英文） Course Name(EN)	对接的 UCM 课程编号 Articulated UCM Course Code
XJ161004M	高等代数	Advanced Algebra	MATH 3710
XJ161007M	概率论与数理统计	Probability Theory and Mathematical Statistics	ACST3311
XJ161008M	常微分方程	Ordinary Differential Equations	MATH 3151
ZJ161005M	复变函数论	Functions of Complex Variables	MATH 4171
ZJ161001M	近世代数	Modern Algebra	MATH 4710
ZJ161001M	近世代数	Modern Algebra	MATH 4711

ZX161012M	机器学习	Machine Learning	CS 4710
ZJ161008SM	数学建模	Mathematical Modeling	MATH 4910
ZJ161011M	多元统计分析	Multivariate Statistical Analysis	ACST 4335
ZX161012SM	时间序列分析	Time Series Analysis	ACST 4322
ZJ161007M	运筹学与最优化算法	Operation Research and Optimization Algorithm	MATH 4910
ZJ161006M	数值分析	Numerical Analysis	ACST 4910

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