

AppendixRecordD-2: Details of provincial and ministerial level course construction projects, high-quality courses at the university level and above, excellent teaching achievement awards at the university level and above, published professional textbooks and monographs, etc.

Table1 Provincial and ministerial level curriculum construction projects, high-quality courses at the university level and above

Serial number	Course Name	Lecturer	Type	Person in charge
1	Building Water Supply and Drainage Engineering	Wang Aihe, Deng Jie, Jiang Haiyan, Li Hao	First-class offline courses in Hunan Province	Wang Aihe
2	Utilization and Protection of Water Resources	Deng Yumei, Zhou Jun	School-levelBGold Course	Deng Yumei
3	Water Engineering Economics and Budgeting	Zhou Jun, Deng Yumei	School-levelIdeological and Political Course	Zhou Jun
4	Water Supply and Drainage Pipeline Network System(2)	Yan Hengzhen,Zhang Chun	School-levelBGold Course	Yan Hengzhen
6	Water Treatment Biology	Jiang Haiyan,Wang Yang	School-levelIdeological and Political Course	Jiang Haiyan
7	Hydraulics	Li Yuanping, Zhang Wei	School-levelBGold Course	Li Yuanping

Table2Overview of Major Teaching Awards

Serial number	Project Name	Reward type	Level 等级	Completer	Award time
1	Research and Practice on the Quality Cultivation of Applied Undergraduate Talents in Urban Construction	Teaching	National Second Prize	Li Liwu	2009

2	Research and Practice of the Training Model for Applied Talents in Urban Construction at the Undergraduate Level	Teaching	Provincial First Prize	Li Liwu	2009
3	Research and Practice on the Quality and Practical Ability Cultivation of Applied Talents in Urban Construction	Teaching	Provincial First Prize	Li Liwu	2006
4	Research and practice on the talent training model for the Water Supply and Drainage Science and Engineering major oriented towards "engineering capability output"	Teaching	Provincial Third Prize	Zhang Wei	2016
5	Young Teaching Experts of Ordinary Colleges and Universities in Hunan Province	Teaching	provincial	Yan Hengzhen	2012
6	Practice-oriented Water Supply and Drainage Science and Engineering Major “12345” Construction and Practice of Practical Teaching System	Teaching	University-level First Prize	Zhang Wei	2019
7	Specialized Major in Water Supply and Drainage Science and Engineering “Engineering and Innovation” Construction and Implementation of a Compound Talent Training Model	Teaching	University-level First Prize	Zhang Wei	2015
8	Teaching Reform of "Water Quality Engineering Experiment" Based on the Cultivation of Excellent Engineers	Teaching	Third Prize at the School Level	Wang Aihe	2013
9	Based on CDI model for the construction and practice of water supply and drainage engineering	Teaching	School-level third prize	Zhang Wei	2012

Table3 List of textbooks and monographs published by teachers in this major

Serial number	Name	Personnel	Character	publisher	Time	Remarks
1	Study on the adsorption and photodegradation of chlorobenzene by multi-	Zhang Wei	First	Hunan Science and Technology Publishing House	2016	Monograph

	walled carbon nanotubes loaded withTiO ₂ .					
2	Study on the Biodegradable Properties of Amine Collectors	Yan Hengzhen	First	Hunan Science and Technology Publishing House	2016	Monograph
3	Research on the ecosystem service functions of Dongting Lake	Dong Meng	Second	Hunan University Press	2014	Monograph
4	Water Analytical Chemistry	Zhang Wei	editor-in-chief	Chemical Industry Press	2014	textbook
5	Water pump and pump station	Zhang Wei	editor-in-chief	Peking University Press	2014	textbook
6	Building Water Supply and Drainage System Engineering	Deng Jie	Deputy Editor-in-Chief	Mechanical Industry Press	2011	textbook
7	Research on the application of gene sensing and immune technology in the detection process of environmental pollution control	Li Yuanping	First	Central South University Press	2022	Monograph
8	Research on the defluorination performance of granular ternary metal composite oxides	Wang Aihe	First	Central South University Press	2021	Monograph
9	Safe Distribution and Smart Management of Drinking Water	Chi Nianping	editor-in-chief	Central South University Press	2022	Monograph