WATER RESOURCES (WR)

WR 500 Master's Research & Thesis
Credit arranged

WR 501 (s) Seminar
Credit arranged

WR 502 (s) Directed Study
Credit arranged

WR 503 (s) Workshop
Credit arranged

WR 504 (s) Special Topics
Credit arranged

WR 505 (s) Professional Development
Credit arranged

WR 506 Interdisciplinary Methods in Water Resources
2 credits
Student and faculty teams from traditionally disparate disciplines address real issues to develop methods for communicating across disciplines and for solving water resources problems. The course takes a problem-oriented approach using case studies. Faculty will lead students through this integrative process with lectures and working sessions. (Fall only)

WR 507 Integrated Water Resources Projects
3 credits
In a seminar style format, students present and discuss disciplinary and interdisciplinary aspects of thesis/dissertation research, and finish writing of interdisciplinary aspects of their thesis/dissertation. (Spring only)
Prereq: WR 506

WR 544 Water Quality in the Pacific Northwest
3 credits
Cross-listed with ENVS 544 and SOIL 544
Qualitative aspects of water are covered in this class. Major topics are qualitative aspects of (1) surface water, (2) groundwater, (3) drinking water, (4) water in the oceans, and (5) the human waste stream. Concepts presented are relevant to world-wide water quality issues and concepts; however, however, an emphasis is placed on issues within the four Pacific Northwest states (ID, AK, OR, WA).

WR 552 Water Economics and Policy Analysis
Cross-listed with AGEC 452. 3 credits
This course will provide students with an in-depth look at the role of economics in water resource planning. Topics will include an introduction to water law, common concepts in hydrology, and the tools necessary to evaluate irrigation and other water use decisions. The course will focus on economic theory and a practical background of water resource management, as such, significant time will be spent developing the tools most frequently utilized by water resource economists. This includes Linear Programming, Cost/Benefit Analysis, Residual Imputation methods, Regression Analysis, Input-Output Modeling, Survey Design and Implementation, and Cost of Avoidance Techniques. Additional work required for graduate credit. Cooperative: open to WSU degree-seeking students. Prereq: AGEC 301 or AGEC 302, or ECON 351 or ECON 352, or by Permission [object Object]

WR 598 (s) Internship
Credit arranged