**Professional Curriculum of the Masters of Water Security Program for BNU – 2021–2022**

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| **Course Number** | **Title** | **Instructor(s)** | **Term** | **Course delivery dates (BNU time)** |
| xxx | ***Ethics and Integrity*** | (BNU) | T1 | 6–10 September 2021 |
| ENVS 990 (0 cu)CRN 87999 | ***Seminar in Environment and Sustainability****(Breakthrough Seminar Series)* | Jeff McDonnell | T1 | Students will have access to recorded seminar lectures delivered as part of ENVS 827 (SENS domestic course)—taken all semester |
| GPS 960 (0 cu) CRN 86803 | ***Introduction to Ethics and Integrity*** | Self-directed/online | T1 | Must be completed by the end of T1 |
| GEOG 427 (3 cu) CRN 87998 | ***Fundamentals of Hydrology (Basic)*** | Jeff McDonnell | T1 | 13–24 September 2021 |
| **Break** (China National Day holiday) |  | 25 September–10 October 2021 (2 weeks) |
| ENVS 805 (3 cu) CRN 88000 | ***Data-driven Solutions for Sustainability*** | Markus Brinkmann | T1 | 11–22 October 2021 |
| **Break** |  | 23–27 October 2021 (5 days) |
| GEOG 827 (3 cu) CRN 88706 | ***Principles of Hydrology (Advanced)*** | Karl Lindenschimdt | T1 | 28 October–10 November 2021  |
| **Break** |  | 11–14 November 2021 (4 days) |
| ENVS 824 (3 cu) CRN 88002 | ***River Science*** | Karl Lindenschmidt | T1 | 15–26 November–2021  |
| **Break** |  | 27 November–05 December 2021 (1 week) |
| CE 464 (3 cu) CRN 88001 | ***Water Resources Engineering*** | Saman Razavi | T1 | 06–19 December 2021  |
| **Break** (Christmas and New Year) |  | 20 December 2021–10 January 2022 (3 weeks) |
| ENVS 823 (3 cu) CRN 28609 | ***Chemicals in the Environment*** | Paul Jones | T2 | 10–21 January 2022 |
| **Break** (Chinese New Year and BNU Break) | T2 | 22 January–20 February 2022?? |
| ENVS 806 (3 cu) CRN 30236 | ***Field Skills in Environment and Sustainability*** | Yanping Li | T2 | 21 February–04 March 2022 |
| **Break** |  | 05–08 March 2022 (4 days) |
| ENVS 821 (3 cu) CRN 28612 | ***Sustainable Water Resources***  | Kerry McPhedran | T2 | 09–22 March 2022  |
| **Break** |  | 23–27 March 2022 (5 days) |
| ENVS 827 (3 cu) CRN 28610 | ***Breakthroughs in Water Security Research (Health)*** | Charles Trick | T2 | 28 March–08 April 2022 |
| **Break** (Easter) | T2 | 09–17 April 2022 (1 week) |
| JSGS 870 (3 cu) CRN 28611 | ***Water Policy in an Age of Uncertainty*** | Jeremy Rayner | T2 | 18–29 April 2022 |
| **Break** | T2 | 30 April–08 May 2022 (1 week) |
| ENVS 992(6 cu) CRN 41573 (spring)CRN 61037 (summer) | ***Project in Environment & Sustainability*** | Yanping Li (with assistance from BNU faculty) | T3 | 09 May–14 August 2022 |