

to the prediction of treatment outcomes. Prerequisites: HMSV 220 and 226. Offered: On Demand.

**HMSV-230 Relapse Prevention & Recovery 3 cr.**  
Students will gain insight into the various stages of the recovery process. Special emphasis will be given to the etiology of relapse and the major models of relapse prevention and counseling. Prerequisites: HMSV 220. Offered: On Demand.

**HMSV-232 Twelve Core Functions 2 cr.**  
Putting it all together. Screening, intake, orientation, assessment, treatment plan, counseling, case management, crises intervention, client education, referral, records, consultation. Prerequisite: HMSV 220. Offered: On Demand.

**HMSV-246 Drugs and Behavior 3 cr.**  
Introduces students to a basic understanding of the physiological effects of drugs on the brain and how this relates to specific behavior. Brain behavior interactions and how drugs affect this interaction will be presented. This course is co-listed with PSYC-246. Prerequisite: PSYC 120. Completion of ENGL 111 and RDNG 113 or appropriate Accuplacer score. Offered: Spring.

**HMSV-250 Practicum in Human Services 3 cr.**  
For students in the Generalist Track. Practical experience in a clinical setting involving service to clients and patients; understanding the helping process; developing skills in observation, report writing and interviewing; guidance in establishing therapeutic relationships with individuals. Prerequisites: HMSV 111 or HMSV 220 and SOCI 213. Completion of ENGL 111 and Reading 113 or appropriate English and Reading Accuplacer scores. Offered: All.

**HMSV-255 Practicum in Alcohol/Drug Abuse 3 cr.**  
Practical experience in a clinical setting dealing specifically with substance abuse; understanding the helping process; developing skill in observation, report writing and interviewing; guidance in establishing therapeutic relationships. Prerequisites: HMSV 111 or HMSV 220 and SOCI 213. Completion of ENGL 111 and RDNG 113 or appropriate English and Reading Accuplacer scores. Offered: All.

**HMSV-265 Public Policy & Social Change 3 cr.**  
This course will provide an overview of the structures and processes of public policy. The course will examine how social change is brought about through the actions of various agents. This course is also listed as POLS 265 Public Policy and Social Change. Prerequisites: SOCI-110 or SOCI-213. HMSV-111 or HMSV-220. Completion of ENGL-111 and RDNG-113 and appropriate English and Reading Accuplacer scores. Offered: Fall.

**HMSV-270 HMSV Profession & Practices 3 cr.**  
This course may be paired with HMSV Practicum 250 and HMSV Practicum 255. Students are required to enroll in this class prior to or while completing their HMSV Practicum. It will enable students to achieve a greater understanding of their practicum internship while examining professional ethics, conduct and a wide range of practice situations. Prerequisites: HMSV-111 or HMSV-220 and SOCI-213. Completion of ENGL-111 and RDNG-113 or appropriate English and Reading Accuplacer scores. Offered: Fall & Spring.

## HORTICULTURE

**HORT-110 Introduction to Xeriscape Principles 4 cr.**  
Scientific exploration into the components of xeriscape principles and practices. It includes plant identification and mechanisms, landscape design, construction, and maintenance, plant selection, and mulching. Offered: Fall.

**HORT-115 Ornamental Xeric Plant Identification 4 cr.**  
Seeks to expose students to native and drought tolerant ornamental landscape plants. Plants covered in this course will include a study of woody plant material (trees, shrubs and vines), and herbaceous plant material (annual and perennial flowers). Identification methods will reinforce plants covered in the course. At the end of the course, students will have learned to identify economically important native and drought adapted plant material for use in xeric landscape designs. Prerequisites: HORT-110 Offered: Spring.

**HORT-121 Horticulture Techniques I 3 cr.**  
Introduction to basic ornamental horticulture. Topics include introductory plant science, nutritional requirements, plant pathology, entomology, propagation techniques, and basic horticultural skills. Offered: Fall.

**HORT-122 Horticulture Techniques II 3 cr.**  
An extension of HORT 121, Horticulture Techniques II will introduce pruning techniques, soil science, groundcover and turfgrass science, and plant identification focusing on xeric and native plants and invasive plant species. Offered: Spring.

**HORT-130 Xeriscape Design & Maintenance 4 cr.**  
Examines landscape design principles with emphasis on water and energy conservation. Topics explore plant combination theory and xeriscape irrigation techniques, installation, and maintenance. Students will complete a landscape design using xeriscape principles. Offered: Fall.

**HORT-220 Irrigation Principles & Design 3 cr.**  
Wise water use includes proper irrigation design, installation, use and maintenance with focus on using weather-based approach, proper use of electronic irrigation devices and aids. Offered: Spring.

**HORT-230 Diagnosing Plant Disorders 4 cr.**  
This class focuses on plant pathology, entomology, plant nutrition disorders, and weed science with an emphasis on non-pesticide prevention and treatment. Offered: Spring.

**HORT-280 Xeriscape Special Problems 4 cr.**  
Required hands-on team project provides an opportunity for students to apply the resource-conserving urban landscape skills developed during the program. Projects will include but are not limited to establishment and maintenance of the San Juan College Xeric and Native Display Garden, other local display gardens especially in conjunction with City Parks and Recreation Department, and establishment of San Juan College nature trail. Offered: On Demand.