Commencing in 2014, the UWA Business School will be offering a range of new MBA elective units that focus on the resources industry.

These units are designed for both professionals who are currently working within the resources industry and those wishing to transition into the industry. The units will also be of benefit to students working in investment banking, stockbroking or funds management for which resource company valuation is an essential skill. These units will have a strong practical component, and feature guest lectures and case studies delivered by senior industry experts.

Fina5601 Valuation and Risk Analysis for Resource Companies
This unit builds upon the work covered in previous units such as Managerial Finance and extends this material to the valuation of quite complex enterprises. After a review of the traditional net present value material you will move onto adjusted present value and certainty equivalent approaches. The unit will also provide an introduction to decision trees and real option valuation approaches. Visitor presentations, group projects and individual problem solving will be applied to highlight the relevance of the work covered in the unit and to encourage deeper learning of the material.

MGMT5615 Selected Topics in Management: Strategic Management for Resource Companies
This unit explores the issues and challenges involved in the strategic management of resource companies. Possible issues covered in this course include strategy development, boardroom decision-making, mergers and acquisitions, stakeholder management, operational efficiency, operational and environmental sustainability, risk management and maximisation of shareholder value. The unit uses a case study approach to support the discussion of these important issues.

MGMT5615 Selected Topics in Management: Global Energy and Mineral Markets
This unit aims to provide an understanding of markets for mineral and energy commodities and especially how those markets differ from other sectors of the economy. Much of the material discussed will also provide useful background material for subsequent units in the resources focus area.
GENG5801 Engineering Asset Management

Engineering and infrastructure assets underpin the economy of Western Australia. How do we ensure delivery of sustainable organisational outcomes and, where appropriate, competitive advantage from using these assets? An asset management system supports the use of systematic and risk-based processes to decisions concerning the engineering assets of an organisation over the assets’ life cycle. We learn about the elements of an asset management system and practices that are specific to asset management in a range of industries. The aim is to balance performance, risk and costs and ensure assets deliver value to the organisation.

LAWS511 Corporate Governance for Resource Industries (available from 2015)

This unit examines the fundamentals of corporate governance with a particular focus on listed resources companies. The intensive teaching period is divided into an initial half-day workshop and two modules. Module 1 examines general corporate governance principles. Topics covered include the general principles of good corporate governance, the applicable duties of directors, stock exchange rules, the role of board committees, accounting and solvency issues. Module 2 examines corporate governance issues for resources companies. Topics covered include resources and reserves issues, raising capital, common accounting problems for resources companies, dealing with the life cycle of projects and risk management.

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