



MODULE SPECIFICATION

| Part 1: Information | | | |
|---------------------------|--|--------------------|--|
| Module Title | Strategic Planning and Infrastructure | | |
| Module Code | UBGMFL-30-1 | Level | Level 4 |
| For implementation from | 2019-20 | | |
| UWE Credit Rating | 30 | ECTS Credit Rating | 15 |
| Faculty | Faculty of Environment & Technology | Field | Geography and Environmental Management |
| Department | FET Dept of Geography & Environmental Mgmt | | |
| Module type: | Standard | | |
| Pre-requisites | None | | |
| Excluded Combinations | None | | |
| Co- requisites | None | | |
| Module Entry requirements | None | | |

| Part 2: Description |
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| <p>Overview: This module explores the application of planning at a national-regional scale. It considers the merits of planning strategically, the type of matters where a strategic view is required, and the value of planning for the long-term.</p> <p>Educational Aims: In addition to the Learning Outcomes, transferable skills developed through the module will include: Self-directed learning and time management Use of an academic library Carrying out secondary research Collecting information in the field Development of the ability to construct concise arguments and defend them Writing in professional and academic styles to a high standard Ability to engage on a one to one basis in a professional context</p> <p>Outline Syllabus: While the module provides examples of strategic plans that are being prepared and actioned across the world, much of the focus will be directed to showcasing the national and regional planning that is occurring across the Sultanate of Oman and the wider Arab peninsula. Regard will be given to the Oman National Spatial Strategy, regional strategies, and the five-year plans and longer-term visions that the Sultanate has prepared in support.</p> |

STUDENT AND ACADEMIC SERVICES

Through the module students will be exposed to the demographic trends that the Sultanate is experiencing, and the level of growth it is expected to support moving forward. Critically the module will explore the distribution of this growth and the strategic options that exist for accommodating it, from standalone new communities (such as at Madinat Al Irfan) to the expansion of existing centres. It will encourage critical debate on whether existing centres, such as Muscat, can (or should) be encouraged to grow at the same pace or whether new nodes or points across the Sultanate should be pursued. It will consider some of the externalities that can arise with the unplanned intensification of a city, from congestion to pressure on supporting infrastructure, and the inequality that can arise in the rural and de-populating areas feeding the urban growth.

The module will consider the strategic demands that are collectively placed upon Oman's existing communities, with specific regard being given to future infrastructure. This term will be broken down to encompass infrastructures connected to transport, energy, healthcare, education, telecommunications and water supply. Future infrastructure investment will be considered in the context of coverage, projected demand, and resilience in response to a range of factors, including climate change. While the module will give particular focus to urban areas, where growth is highest, it will also explore the regional challenges connected to the rural areas of the Sultanate and the strategic tools and measures that are needed to safeguard and protect the most sensitive, and most vulnerable, areas across Oman.

The module will explore the flows and interactions that exist across the geographical space of the Sultanate. Reference will also be made to the nationally significant infrastructure that the Sultanate will need if it is to remain competitive in the Arabian Peninsula as well as the broader global economy. Lastly the module will focus on the delivery and implementation of strategic growth and infrastructure by looking at how it can be funded, and the roles that key groups and stakeholders will need to have through the planning and design stages.

Teaching and Learning Methods: The module will be delivered through a mix of lectures and workshops. Reading, via the online list, will be set in advance of sessions and will be used to encourage discussion and reinforce the learning experience. External guests will be invited to contribute where appropriate.

Independent learning will use directed reading via the online reading list and a selection of online resources, including appropriate case studies.

Part 3: Assessment

The module is assessed by two components, Components A (50%) and B (50%).

Component A comprises a seen examination of 2hrs that will require students to write an essay linked to particular theory or concept connected with the planning of strategic growth and infrastructure. Prompts will be given in class with respect to developing exam technique while examples will be released in addition to the actual paper to help provide opportunities for formative assistance. An examination is felt to represent the most appropriate tool for delivering against the identified learning outcomes and provides an effective counter-balance to the general focus on coursework. Having an examination at this stage will provide students with additional confidence moving forward.

Component B requires students to prepare a baseline appraisal for an identified Governorate. Preparing baseline accounts are common in urban planning and providing this opportunity at level 1 will provide a very strong grounding moving forward. In practice, baseline material can be presented via a range of means but the assessment here uses exhibition boards. These are commonly used in planning and require careful consideration of the amount and type of information presented. In addition to satisfying the requirements of the relevant learning outcomes the assessment will also provide an opportunity for students to develop skills in visual presentation. Students will communicate outcomes via two A1 exhibition boards that will need to be defended in front of staff and course colleagues.

STUDENT AND ACADEMIC SERVICES

| First Sit Components | Final Assessment | Element weighting | Description |
|---------------------------|------------------|-------------------|---|
| Poster - Component B | ✓ | 50 % | Exhibition boards with response to questions (approx. 5 mins) |
| Examination - Component A | | 50 % | Seen examination (2 hours) |
| Resit Components | Final Assessment | Element weighting | Description |
| Poster - Component B | ✓ | 50 % | Exhibition boards with response to questions (approx. 5 mins) |
| Examination - Component A | | 50 % | Seen examination (2 hours) |

| Part 4: Teaching and Learning Methods | | | | | | | | | | | | | | | | | |
|---|---|--------------------------|-----------|--|-----|---|-----|--|-----|--|-----|---|-----|--|-----|------------------------|-----|
| Learning Outcomes | <p>On successful completion of this module students will achieve the following learning outcomes:</p> <table border="1"> <thead> <tr> <th>Module Learning Outcomes</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Reflect on the relationship between local and regional/ national issues in planning approaches</td> <td>MO1</td> </tr> <tr> <td>Articulate, and reflect, on the applicability of relevant theory on the planning of strategic growth and infrastructure</td> <td>MO2</td> </tr> <tr> <td>Demonstrate an understanding of the methodologies that exist for robustly assessing spatial options and development strategies</td> <td>MO3</td> </tr> <tr> <td>Analyse strategic data and use it in the formulation of policies and proposals</td> <td>MO4</td> </tr> <tr> <td>Summarise the broad options for delivering large-scale growth in the context of a sub/city region, and to how these alternatives can be robustly assessed</td> <td>MO5</td> </tr> <tr> <td>Explain and demonstrate understanding of the administrative and legal frameworks that exist for delivering infrastructure at the national/regional scale</td> <td>MO6</td> </tr> </tbody> </table> | Module Learning Outcomes | Reference | Reflect on the relationship between local and regional/ national issues in planning approaches | MO1 | Articulate, and reflect, on the applicability of relevant theory on the planning of strategic growth and infrastructure | MO2 | Demonstrate an understanding of the methodologies that exist for robustly assessing spatial options and development strategies | MO3 | Analyse strategic data and use it in the formulation of policies and proposals | MO4 | Summarise the broad options for delivering large-scale growth in the context of a sub/city region, and to how these alternatives can be robustly assessed | MO5 | Explain and demonstrate understanding of the administrative and legal frameworks that exist for delivering infrastructure at the national/regional scale | MO6 | | |
| Module Learning Outcomes | Reference | | | | | | | | | | | | | | | | |
| Reflect on the relationship between local and regional/ national issues in planning approaches | MO1 | | | | | | | | | | | | | | | | |
| Articulate, and reflect, on the applicability of relevant theory on the planning of strategic growth and infrastructure | MO2 | | | | | | | | | | | | | | | | |
| Demonstrate an understanding of the methodologies that exist for robustly assessing spatial options and development strategies | MO3 | | | | | | | | | | | | | | | | |
| Analyse strategic data and use it in the formulation of policies and proposals | MO4 | | | | | | | | | | | | | | | | |
| Summarise the broad options for delivering large-scale growth in the context of a sub/city region, and to how these alternatives can be robustly assessed | MO5 | | | | | | | | | | | | | | | | |
| Explain and demonstrate understanding of the administrative and legal frameworks that exist for delivering infrastructure at the national/regional scale | MO6 | | | | | | | | | | | | | | | | |
| Contact Hours | <table border="1"> <thead> <tr> <th colspan="2">Independent Study Hours:</th> </tr> </thead> <tbody> <tr> <td>Independent study/self-guided study</td> <td>240</td> </tr> <tr> <td>Total Independent Study Hours:</td> <td>240</td> </tr> <tr> <th colspan="2">Scheduled Learning and Teaching Hours:</th> </tr> <tr> <td>Face-to-face learning</td> <td>60</td> </tr> <tr> <td>Total Scheduled Learning and Teaching Hours:</td> <td>60</td> </tr> <tr> <td>Hours to be allocated</td> <td>300</td> </tr> <tr> <td>Allocated Hours</td> <td>300</td> </tr> </tbody> </table> | Independent Study Hours: | | Independent study/self-guided study | 240 | Total Independent Study Hours: | 240 | Scheduled Learning and Teaching Hours: | | Face-to-face learning | 60 | Total Scheduled Learning and Teaching Hours: | 60 | Hours to be allocated | 300 | Allocated Hours | 300 |
| Independent Study Hours: | | | | | | | | | | | | | | | | | |
| Independent study/self-guided study | 240 | | | | | | | | | | | | | | | | |
| Total Independent Study Hours: | 240 | | | | | | | | | | | | | | | | |
| Scheduled Learning and Teaching Hours: | | | | | | | | | | | | | | | | | |
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| Allocated Hours | 300 | | | | | | | | | | | | | | | | |

STUDENT AND ACADEMIC SERVICES

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| Reading List | <p><i>The reading list for this module can be accessed via the following link:</i></p> <p>https://uwe.rl.talis.com/index.html</p> |
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Part 5: Contributes Towards

This module contributes towards the following programmes of study: